

# AMERICAN RAILROAD JOURNAL.

STEAM NAVIGATION, COMMERCE, FINANCE,  
ENGINEERING, BANKING, MINING, MANUFACTURES.

ESTABLISHED IN 1831.

PUBLISHED WEEKLY BY JOHN H. SCHULTZ, AT NO. 81 PARK ROW, NEW YORK, AT FIVE DOLLARS PER ANNUM.

SECOND QUARTO SERIES, VOL. XXXV., No. 18.]

SATURDAY, MAY 3, 1879.

[WHOLE No. 2,245, VOL. LII.]

Mr. FREDERIC ALGAR, No. 8 Clements Lane, Lombard Street, LONDON, England, is the authorized European Agent for the JOURNAL.

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## American Railroad Journal.

New York, Saturday, May 3, 1879.

### An Important Mining Decision.

The Leadville Mining Company own the Carbonate mine in the same noted district. Adjoining the Carbonate mine are the Little Grant and Aetna mines. The dip of the ore vein which crops out on the Carbonate claim brings it at the depth of some hundred feet under the surface area of the Little Giant and Aetna properties. Accordingly a perpendicular shaft sunk by the latter companies on their property eventually reached the ore vein whose upper portion was within the Carbonate mine's claim and which was being worked by the Leadville Company. As soon as the latter ascertained that the Little Grant owners were extracting ore from this vein they applied for and obtained an injunction prohibiting their doing so until the legality of their action was settled by the courts.

After long delays occasioned by the difficulty the Leadville owners found in proving the identity of the vein on their property with that running under the Little Giant property they succeeded in establishing the fact and the right of

the Little Giant owners to work it was then argued.

The decision on this point was rendered by the U. S. District Court at Denver on the 26th ult., and was to the effect that the law prohibits the Little Giant and Aetna owners from extracting ore from the vein and permits the Leadville Company to follow it to its utmost limit, irrespective of whose properties it may pass under.

This decision has not been without several precedents, but the value of the right contested gives it a prominence which will attract much attention. It will doubtless lead to more caution on the part of investors in new mining properties adjoining those already working. It must be remembered however that this law applies to the deflection of the vein in its vertical passage and not to its longitudinal extension. As the dip of a vein can be determined with tolerable accuracy soon after it is opened it is not difficult for a man to ascertain whether his property is likely to be burrowed into by his neighbor.

### Pennsylvania Railroad.

The statement of the business of all the lines of the Pennsylvania Railroad Company east of Pittsburgh and Erie, for March, 1879, as compared with the same month in 1878, shows

An increase of gross earnings of.....\$103,782  
An increase of expenses of.....84,397

An increase in net earnings of.....\$19,385  
The three months of 1879, as compared with the same period in 1878, show

An increase in gross earnings of.....\$626,040  
An increase in expenses of.....87,237

An increase in net earnings of.....\$538,803

All lines west of Pittsburgh and Erie for the three months of 1879 show a surplus over all liabilities of \$303,698, being a gain over the same period in 1878 of \$77,746.

The above statement of the business of the Pennsylvania Railroad Company for the month of March is not as good as was supposed would be the case. Neither does it display the increase which should have been expected from the handsome earnings already reported by the other trunk lines for the same month. The net increase on the lines east of Pittsburgh is only \$19,385, whereas the decrease on the lines west of Pittsburgh for

the month is \$19,458, which taken together, shows no improvement over March of 1878.

### Horizontal Testing Machines.

The following is a well merited compliment to a prominent American manufacturing firm:

12 Queen Anne's Gate,  
Westminster, S. W.,  
8th April, 1879.

Messrs. RIEHLE BROS.,  
Ninth st., above Master,  
Philadelphia, U. S. A.,

GENTLEMEN: In reply to your letter of the 21st ult., with inquiry respecting the Horizontal Testing Machine which I lately purchased from you, through my representatives for the United States of America, Messrs. Richmond & Potts, I am pleased to report that I have used it and have found it to be a very serviceable instrument for testing Steel Bars of any size not exceeding  $\frac{1}{4}$  inch diameter round section. The Mechanical arrangements are well combined, and, altogether, the Instrument is carefully finished and compact in form.

I am, gentlemen, yours faithfully,  
C. W. SIEMENS.

### Mineral Wool.

The Pennsylvania Railroad Company purchased last month 60,000 pounds of Mineral Wool for deadening the floors of passenger cars. The material having been tested for this purpose by the company since 1877 in about twenty cars it appears to prove satisfactory.

### Cincinnati Southern Railroad.

We learn that an arrangement has been effected for leasing the Cincinnati Southern Railroad to a company of prominent citizens of Cincinnati, headed by E. W. Woodward and J. Wirth. The lease is to run until the road is completed, unless sooner terminated by the Trustees, and it is probable that the company will have permanent control of the road. The arrangement provides that members of the company shall have 7 per cent interest on the paid up stock; that there shall be a General Manager appointed by the Directors, with the approval of the Trustees; that the Trustees shall have a voice in the arranging of salaries and appointment of officers. The officer or di-

rector of any fast freight line, express company, or connecting or competing railroad, is allowed to be a director in the new company. Mr. W. H. Clement, formerly President of the Little Miami Railroad Co., is to be General Manager. The new arrangement is a much more favorable one for the city than the last. The road is being hurried to completion, and it is expected that through trains will be run to Chattanooga before the expiration of the year. The city of Cincinnati has about \$20,000,000 invested in this enterprise.

#### Chicago, Milwaukee and St. Paul Railway.

The following is a comparative statement of the earnings, expenses and net earnings for the years ending December 31, 1877 and 1878:

Earnings from:	1877.	1878.
Freight.....	\$5,627,906 29	\$5,750,497 35
Passengers.....	1,780,169 43	2,011,496 41
Mail service.....	153,400 85	166,512 65
Express service.....	159,816 93	166,368 16
News service.....	7,007 87	6,916 79
Rents.....	6,869 62	8,872 75
Telegraph.....	479 70	689 60
Extra baggage.....	5,858 09	8,678 88
Sleeping cars.....	44,608 80	48,439 55
Elevator, "A".....	103,043 34	88,946 21
Elevators, "B & C".....	130,271 77	77,933 88
Elevator, "D".....	32 55	.....
Elevator, "E".....	59,867 59	51,840 45
Elevator, Minneapolis.....	3,354 16	11,456 16
Stock yards.....	32,207 78	58,124 03
<b>Total.....</b>	<b>\$8,114,894 27</b>	<b>\$8,451,867 82</b>
<b>Expenses (ordinary)—</b>		
Repairs of track.....	\$650,811 29	\$663,228 42
" bridges.....	79,039 15	91,641 95
" fences.....	20,585 18	24,907 57
" buildings.....	57,654 83	66,105 50
" locomotives.....	288,637 65	279,296 24
" cars.....	371,558 29	442,428 14
" tools, etc.....	17,061 90	26,416 91
Management and general offices.....	135,818 10	132,416 57
Foreign agency and advertising.....	47,578 37	55,013 00
Station service.....	599,018 93	680,393 23
Conductors, baggage and brakemen.....	279,188 57	317,754 28
Engineers, firemen and wipers.....	363,144 49	429,327 68
Train and station supplies.....	109,800 33	124,035 48
Fuel consumed.....	459,747 53	629,748 06
Oil and waste.....	62,193 48	53,276 63
Personal injuries.....	19,280 93	15,844 55
Damage to property.....	21,850 93	5,946 99
Loss and damage of freight and baggage.....	6,569 75	4,012 99
Legal expenses.....	38,352 49	20,528 97
New York office exp.....	11,299 82	11,074 12
Taxes.....	301,109 89	306,614 88
Insurance.....	17,246 26	14,931 43
Miscellaneous.....	38,593 13	45,905 76
Stock yard expenses.....	8,444 53	10,400 08
Rent of cars.....	81,907 65	12,638 84
Exp. Elevator "A".....	22,371 30	22,197 05
Exp. Elevators "B & C".....	23,050 90	21,808 45
Exp. Elevator "D".....	7 00	42 66
Exp. Elevator "E".....	15,017 64	15,551 13
Exp. Elevator, Minneapolis.....	1,011 05	4,587 12
<b>Expenses (extraordinary)—</b>		
Renewal of track.....	389,392 26	222,542 75
New bridges.....	20,173 41	35,850 66
New buildings.....	28,926 88	6,345 44
Rent of locomotives.....	3,590 93	.....
New tools and machinery.....	750 73	.....
<b>Total.....</b>	<b>\$4,540,433 57</b>	<b>\$4,792,313 58</b>
<b>Net earnings.....</b>	<b>\$3,574,460 70</b>	<b>\$3,659,454 24</b>

Compared with the year 1877, the gross earnings show an increase of \$336,873 55, with an increase in expenses of \$251,880 01—making an increase in net earnings of \$84,993 54. The percentage of expenses to earnings, including all expenditures, was 56.7 per cent. In 1877 it was 58 per cent. The expenses are divided as follows: ordinary, \$4,527,574 73; extraordinary, \$264,738 85. In 1877 the ordinary expenses were \$4,098,609 36, and the extraordinary expenses were \$441,824 21. The President, in his report, says:

The whole length of road now owned by the company is 1,512 miles; an extension of one hundred miles having been built during the past year under authority granted by the Legislature of Iowa at its last session, conferring on this company the land grant applicable to the construction of a road from Algona westward to a junction with the Sioux City and St. Paul Railroad, a distance of about eighty-five miles, or condition that the road should be completed by the first day of January, 1880. The grant was accepted, and the road completed during the year, with fifteen miles in addition, which takes the line to within twenty miles of the east line of Dakota Territory.

The land grant thus earned and inuring to this company, contains over two hundred thousand acres of choice land in Northwestern Iowa, which it is believed will meet with a ready sale. This extension has been constructed in the most substantial manner and at a very moderate cost, and has been paid for with the proceeds of bonds secured by a mortgage of this section of the road and equipment. It is well equipped with rolling stock, and will be a valuable feeder to the old line of road.

The entire cost of the company's property, including equipment, bridges, elevators, cattle yards and grounds, is represented by

Common stock.....	\$15,404,261
Preferred stock.....	12,279,483
Mortgage bonds.....	32,088,500

Making a total of.....\$52,772,244

from which may be deducted certain assets which appear in the general account hereto appended, reducing the actual cost to \$58,068,494, an average of about \$38,400 per mile for the 1,512 miles of road.

In May last this company purchased the most of the stock and bonds of the Dubuque Southwestern Railroad, in Iowa, extending from Farley, a point on the Illinois Central Railroad twenty-three miles west of Dubuque, in a southwesterly direction fifty miles to Cedar Rapids. The road of this company extending from Sabula westerly connected with the Dubuque Southwestern at Marion, six miles northerly from Cedar Rapids, and now runs to that city over that road, forming an important and long desired connection.

The Dubuque Southwestern runs through a fine agricultural region, its entire length, and at Anamosa passes the best stone quarries in the State, which are being extensively worked, and are furnishing no inconsiderable amount of business. The stock and bonds were purchased at a low price, and but a small amount will be further required to perfect the title of the road in this company. It is now being operated by this company in connection with the line from Sabula to Marion.

In 1871 this company purchased a portion of the first mortgage bonds of the Madison and Portage Railroad Company, which had then just completed its line from Madison to Portage City in Wisconsin, a distance of about forty miles. This road connects our LaCrosse Division with our Prairie du Chien Division, about midway between Milwaukee and the Mississippi River, connecting the cities of Madison and Portage, and passing, for its entire distance, through a fine country. During the year just past, an opportunity was presented for securing the remainder of said bonds, and they were purchased, and the entire issue is

now owned by this company. The road has been in possession of and operated by this company for the past seven years. Foreclosure proceedings upon said first mortgage are pending, and the property will soon be acquired thereunder at a moderate cost.

The Minnesota Midland Railway Company was organized in 1877, to construct a narrow gauge railway from Wabasha, on our River Division, westerly through the State of Minnesota; and in May, 1878, sixty miles of said road were completed, extending from Wabasha to Zumbrota, in Minnesota. This road runs through a very fine wheat country, which had heretofore been mainly tributary to the lines of this company. The control of the road being therefore deemed important, it was purchased at a very moderate cost, and the road is now in possession of and being operated by this company.

The Viroqua Railway Company was organized during the past year, to construct a railway from Sparta, on the line of the LaCrosse Division, southwesterly to Viroqua, the county seat of Vernon County, Wisconsin, a distance of thirty-two miles, and municipal aid to the amount of fifty thousand dollars was secured therefor. This road when constructed will command the trade of a large extent of well settled territory now without railway facilities. On full examination of the premises, it was believed to be for the interests of this company to control and own the line; and an arrangement was made by which this object has been effected in a manner entirely satisfactory to this company. Ten miles of the road, extending from Viroqua Junction (two miles west of Sparta) have been constructed and are now in operation, and the remaining twenty-two miles will be built without delay.

It is the expectation of the company that these roads will, at no distant day, be absorbed by and the titles vested in this company.

The wheat crop of 1878 in Wisconsin Minnesota and Northern Iowa, gave promise until near harvest time, of an unusually large yield; but intervening rains and excessive heats inflicted serious damages, affecting both its quantity and quality. The following statement of wheat carried by this company eastward to lake ports, during the last four months of 1878, as compared with the same period of the preceding year will give some idea of the extent of this misfortune, and of its effect direct and indirect on the earnings.

Wheat carried in the last four months of 1877, bushels.....	10,009,498
Wheat carried in the last four months of 1878, bushels.....	4,568,344

The company has now 523 miles of road laid with steel rails, 10,580 tons having been put in the track during the year 1878; and the following new equipment has been added, namely: 12 locomotives, 10 passenger cars, 5 baggage, mail and express cars, 271 box cars, 89 stock cars, 65 flat cars.

The immunity from accidents involving personal injury with which the lines of the company have been operated, is again cause for congratulation.

The equipment of the road at the close of 1877 and 1878, compares as follows:

	1877.	1878.
Locomotives.....	214	226
Passenger cars, 1st and 2d class.....	103	109
Sleeping cars.....	12	12
Baggage, postal, mail and express.....	62	71
Box freight and caboose.....	3,555	3,826
Stock.....	401	490
Flat and coal.....	847	812
Boarding.....	2	2

Earnings per mile run, on freight, \$1 48. Earnings per mile run, on passengers, \$1 29. Expenses per mile run, including all expenditures, \$0.88; do. in 1877, \$1 01—decrease, 13 cents.

The average price per ton per mile, received for freight, for a series of years past has been as follows:



Years.	Years.	Years.
1865.....4.11	1872.....2.48	
1866.....3.76	1873.....2.50	
1867.....3.94	1874.....2.88	
1868.....3.49	1875.....2.10	
1869.....3.10	1876.....2.04	
1870.....2.82	1877.....2.08	
1871.....2.54	1878.....1.80	

In the following table are shown the mileage of trains, the passenger traffic and the freight traffic on all the roads collectively for the years 1877 and 1878:

	1877.	1878.
Passenger trains.....	1,378,602	1,554,048
Freight trains.....	3,109,837	3,895,214
Wood and gravel trains..	806,625	552,445
Total mileage.....	4,795,064	5,991,707
Passengers carried.....	1,129,621	1,412,663
Do. carried one mile....	55,925,449	65,498,189
Freight (tons) carried..	1,687,057	1,955,699
Do. carried one mile....	271,598,133	321,818,902
Receipts per passenger		
per mile.....	3.21 cents.	3.09 cents.
Receipts per ton per mile	2.08 cents.	1.80 cents.

The earnings, expenses and net revenue per mile of road in the two years compare as follows:

	1877.	1878.
Gross earnings.....	\$5,728 96	\$5,491 78
Operating expenses.....	3,236 24	3,113 92

Net earnings.....\$2,547 72 \$2,377 81

The expenditures for construction and permanent improvements, during the year 1878, were as follows:

For additional equipment.....	\$226,929 10
Mississippi River Bridge at La Crosse	3,084 04
Cost of relaying with steel rails over cost of iron rails.....	119,279 02
Depot grounds, wharves, etc., Milwaukee	37,819 81
Depot grounds, McGregor.....	4,932 12
Depot grounds, Shakopee.....	1,650 98
Depot grounds, Austin.....	226 38
Depot grounds, La Crosse.....	5,016 67
Real estate, Chicago and Milwaukee Division.....	63,564 04
Real estate, Minneapolis.....	7,891 37
Right of way.....	6,998 42
Construction of fences, etc., between Sabula and Marion.....	3,711 87
Construction of fences, Iowa and Minnesota and Iowa and Dakota Divisions.....	3,107 57
Permanent improvements, (new bridges, buildings, side tracks, etc., masonry and earthwork in place of trestle work).....	215,546 75

Total.....\$698,758 14

VALUE OF FUEL AND SUPPLIES ON HAND DECEMBER 31st, 1878.

Wood.....	\$26 463 17
Ties.....	8,964 53
Oil.....	2,981 15
Waste.....	952 08
Splices and bolts.....	700 62
Iron (unworked).....	9,134 90
Iron (worked and partly worked)....	3,659 59
Copper and brass.....	9,009 50
Lumber and timber.....	30,715 16
Engine, truck and car wheels.....	3,099 19
Engine, truck & car wheels (on axles)	7,934 10
Engine, truck and car axles.....	3,274 77
Tires, iron and steel.....	3,365 09
Steel and steel springs.....	4,433 36
Engine, car and road castings.....	9,292 01
Rubber springs.....	971 47
Railroad spike.....	1,576 57
Paints and oils.....	2,800 32
Other supplies.....	3,799 42

Total.....\$133,127 00

## STATEMENT OF INCOME ACCOUNT, 1878.

Jan. 1.—By balance, (1877).....\$3,859,306 30  
Jan. 25.—To dividend on preferred stock, out of net earnings of 1877.....\$429,781 90

Apr. 10.—To dividend on preferred stock, out of net earnings of 1877.....429,781 90  
Oct. 31.—To payment of U. S. Government Income tax for 1872.....32,040 93

891,604 73  
Balance.....\$1,467,701 57

Dec. 31.—By gross earnings 1878.....\$8,451,767 82  
Less operating expenses, including taxes.....4,792,313 53

Balance.....\$3,659,454 24  
By interest and exchange 1878.....13,430 67

\$3,672,884 91  
Oct. 15.—To dividend on preferred stock, out of net earnings of 1878. \$429,781 90

Dec. 31.—To Int. on bonds in 1878 2,135,730 56  
To Sinking fund of 1 p. c. on Cons. S. F. bonds outstanding Dec. 31, 1877... 55,000 00

2,620,512 46  
1,052,372 45  
Balance December 31st, 1878..\$2,520,074 02

## GENERAL ACCOUNT, December 31st, 1878.

Cost of road.....\$58,755,184 22  
Construction of new lines.....246,072 95  
Purchase of Dubuque Southwestern Railway bonds. \$155,348 00

Purchase of Dubuque Southwestern Railway stock.....20,406 50  
Purchase of stock and bonds Minnesota Railway.....167,421 26

Madison and Portage Railroad bonds... \$570,771 13  
Oshkosh and Mississippi River Railway bonds.....203,000 00  
Worthington & Sioux Falls R. R. bonds. 11,700 00

Southern Minnesota Railway bonds, .. 7,000 00  
City of Hastings bonds 7,700 00  
Western Union Railroad stock.....\$1,500,750 00

St. Paul, St. Louis & Taylor's Falls Railroad stock.....15,000 00  
1,515,750 00  
Stock of material on hand.....133,127 00

U. S. Government P. O. Department... \$47,093 16  
Balance due from agents and other companies, "freight & ticket accounts" 124,147 28

Miscellaneous acc'ts. 318,660 01  
Bills receivable.....14,369 22  
504,269 67  
Cash on hand.....976 169 90

\$63,083,910 63

Capital stock, preferred.....\$12,279,483 00  
Capital stock, common.....15,404,261 00  
\$27,683,744 00

Consolidated Mortgage bonds.....\$7,304,000 00  
First Mort. La Crosse Division bonds.....6,600,000 00

First Mortgage Iowa and Minnesota Division bonds.....3,810,000 00  
First Mort. Prairie du Chien Division bonds.....3,674,000 00

Second Mort. Prairie du Chien Division bonds.....1,315,000 00  
First Mortgage Chicago and Milwaukee Division bonds 2,500,000 00

First Mortgage St. Paul (or River) Division bonds.....4,000,000 00  
First Mortgage Iowa and Dakota Division bonds.....591,000 00

First Mortgage Iowa and Dakota Division Exten. bonds. 1,000,000 00  
First Mortgage Hastings and Dakota Division bonds.... 172,000 00

Second Mort. bonds. 600,000 00  
Minnesota Central bonds.....190,000 00  
Milwaukee and Western bonds.....234,000 00

Real Estate Purchase Money bonds.....97,500 00  
Milwaukee City bonds 1,000 00  
32,088,500 00

Incumbrances assumed.....\$6,885 00  
Unpaid pay rolls and vouchers.....484,715 25

Due other railway companies, "freight and ticket acc'ts". 73,142 41  
Miscellaneous acc'ts. 175,065 13  
Dividends unpaid... 23,992 90

Coupon account.... 27,791 92  
Income account.... 2,520,074 02  
3,311,666 63

\$63,083,910 63  
President.—ALEX. MITCHELL, Milwaukee.  
Vice Pres't.—JULIUS WADSWORTH, New York.

Directors.—Alex. Mitchell, Julius Wadsworth, Selah Chamberlain, Walter S. Gurnee, Jeremiah Milbank, Abraham R. Van Nest, David Dows, John M. Burke, Peter Geddes, John Plankinton, S. S. Merrill, J. Bowman, Geo. W. Weld.

General Manager.—S. S. MERRILL, Milwaukee.  
Secretary and Treasurer.—R. D. JENNINGS, Milwaukee.

Assistant Treasurer & Transfer Agent.—JAMES M. MCKINLAY, New York.  
General Solicitor.—JOHN W. CARY, Milwaukee.

Auditor.—J. P. WHALING, Milwaukee.  
Purchasing Agent.—JOHN T. CROOKER, Milwaukee.

The suits which have so long been pending between the Cincinnati, Sandusky and Cleveland Railroad Company on the one side and Rush R. Sloane on the other have been amicably settled and withdrawn, and steps will soon be taken to discharge the receivers and place the road again in the hands of the stockholders.

The Secretary of State of Illinois has issued a license for the organization of the West Chicago Elevated Railroad Company. The proposed capital stock is \$3,000,000.

## RAILROAD EARNINGS—MONTHLY.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
<b>Atchison, Top. &amp; San. Fe :</b>													
1876.....	117,417	144,132	180,246	197,996	219,370	186,641	198,851	248,138	265,593	297,958	236,793	204,447	2,486,589
1877.....	134,864	136,350	189,130	200,681	189,915	185,731	187,142	255,872	281,414	342,822	335,678	246,778	2,679,103
1878.....	174,598	184,885	295,366	290,500	291,500	251,000	330,000	467,000	421,000	445,000	436,000	323,500	3,930,848
1879.....	315,985	382,989	532,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>Burlington, Cedar Rapids and Northern :</b>													
1877.....	73,964	68,094	73,194	72,435	71,605	69,357	73,309	113,625	194,226	171,533	138,985	129,554	1,249,880
1878.....	165,411	147,196	125,141	115,277	139,490	101,014	95,007	104,444	138,897	141,619	129,494	124,676	1,527,507
1879.....	117,363	97,377	111,924	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>Central Pacific :</b>													
1876.....	994,339	1,017,304	1,184,683	1,427,035	1,757,415	1,646,270	1,541,223	1,696,154	1,871,876	1,988,066	1,675,532	1,424,317	18,146,944
1877.....	1,170,615	945,171	1,245,373	1,438,659	1,554,653	1,484,232	1,391,867	1,362,000	1,441,293	1,806,382	1,855,774	1,354,882	17,050,976
1878.....	1,110,988	980,529	1,225,593	1,510,000	1,574,000	1,460,000	1,517,000	1,706,000	1,831,000	1,834,000	1,543,000	1,438,000	17,752,363
1879.....	1,020,758	1,070,759	1,289,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>Chicago and Alton :</b>													
1876.....	319,928	328,219	363,627	367,956	351,004	382,233	387,445	411,960	490,293	489,019	395,779	369,311	4,656,764
1877.....	305,597	346,850	355,527	364,000	423,645	451,083	403,671	510,795	524,244	532,868	367,898	374,351	4,960,529
1878.....	351,608	325,047	345,454	339,385	311,266	358,982	305,927	491,728	480,933	445,597	391,616	316,799	4,464,343
1879.....	301,073	300,187	357,297	335,999	349,883	359,457	433,473	563,379	443,525	486,921	399,378	340,47	4,671,519
1879.....	341,075	312,311	344,375	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>Chicago and Northwestern :</b>													
1876.....	808,842	854,627	944,450	919,978	1,090,752	1,263,057	1,035,524	1,004,715	1,204,072	1,433,957	1,144,319	926,852	12,631,174
1877.....	730,602	722,367	812,080	867,603	940,978	928,885	934,888	1,141,310	1,559,368	1,471,214	1,403,728	1,006,930	12,793,602
1878.....	1,077,891	1,084,857	1,095,900	1,138,474	1,346,003	.....	.....	1,315,796	1,566,858	1,236,412	1,114,555	1,153,653	.....
1879.....	1,044,230	895,000	1,101,100	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>Chicago, Burl. &amp; Quincy :</b>													
1877.....	876,835	871,768	898,065	960,198	917,447	957,734	829,300	1,330,248	1,363,310	1,290,114	1,232,118	962,149	12,479,286
1878.....	1,045,467	911,150	1,169,831	1,118,736	1,275,516	897,090	946,427	1,632,207	1,382,123	1,368,349	1,295,082	1,070,525	14,113,503
1879.....	1,106,098	822,377	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>Chicago, Mil. &amp; St. Paul :</b>													
1876.....	527,546	517,112	567,644	650,961	819,562	877,693	685,270	569,775	645,831	817,259	765,230	610,288	8,054,171
1877.....	375,554	403,862	468,570	514,783	607,141	588,223	555,610	677,050	1,178,999	1,183,134	892,027	669,921	8,114,894
1878.....	705,865	666,853	663,640	784,507	798,665	636,447	647,460	522,487	676,368	823,722	809,212	716,512	8,451,768
1879.....	592,000	476,000	633,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>Clev. Col. Cln. &amp; Ind. :</b>													
1876.....	296,258	329,321	299,675	297,526	315,950	320,783	263,177	335,595	367,601	333,298	282,631	234,343	3,676,458
1877.....	229,388	252,245	257,214	292,778	291,483	287,131	226,990	355,271	321,367	335,975	297,056	287,458	3,434,356
1878.....	333,299	215,645	264,426	267,444	269,553	258,344	273,817	262,186	333,278	336,165	336,830	277,727	3,528,714
1879.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>Denver and Rio Grande :</b>													
1877.....	43,270	40,182	49,944	51,400	68,052	57,502	74,276	84,572	78,737	83,157	80,083	.....	.....
1878.....	60,015	55,065	64,300	80,927	87,005	90,350	121,574	120,651	112,620	122,863	117,804	.....	.....
1879.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>Hannibal &amp; St. Joseph :</b>													
1877.....	122,796	132,961	157,217	186,966	162,719	165,449	129,781	184,210	211,917	220,000	174,749	136,492	2,014,867
1878.....	135,044	124,096	160,365	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1879.....	135,423	134,668	190,134	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>Illinois Central :</b>													
1875.....	591,031	481,681	595,519	610,459	604,881	602,505	715,899	613,446	718,101	816,508	773,092	679,434	7,802,556
1876.....	553,574	577,702	580,004	530,269	606,134	666,125	494,529	600,179	616,292	707,988	575,306	532,867	7,040,969
1877.....	460,656	459,123	477,103	430,557	464,523	482,163	474,088	666,609	791,512	791,912	597,060	544,543	6,639,845
1878.....	624,659	511,386	536,409	533,838	608,527	552,706	568,031	675,889	630,386	654,840	625,201	589,312	7,111,000
1879.....	551,154	475,243	540,888	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>Kansas Pacific :</b>													
1877.....	180,240	181,094	230,284	258,198	250,507	253,652	274,362	304,842	346,661	395,361	364,188	258,107	3,294,549
1878.....	189,456	172,995	275,382	279,468	281,491	223,523	291,634	390,993	403,307	448,514	391,421	260,450	3,729,606
1879.....	199,742	246,245	340,920	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>Lake Shore &amp; Mich. South'n :</b>													
1874.....	1,569,750	1,363,355	1,491,280	1,518,123	1,373,678	1,335,319	1,225,831	1,414,819	1,532,602	1,589,497	1,335,892	1,365,986	17,146,131
1875.....	1,163,564	1,037,518	1,287,841	1,275,664	1,100,142	1,055,699	1,079,808	1,178,324	1,306,826	1,392,487	1,275,955	1,280,371	14,434,199
1876.....	1,097,272	1,095,529	1,193,734	1,179,898	1,178,639	1,142,228	1,020,615	1,197,992	1,350,984	1,318,194	1,122,314	1,051,777	13,949,177
1877.....	885,942	980,970	1,192,163	1,181,478	1,153,821	1,066,795	788,380	1,226,875	1,287,878	1,364,595	1,146,761	1,229,503	13,506,159
1879.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>Mo., Kan. &amp; Texas :</b>													
1877.....	237,032	235,308	247,505	221,656	231,307	258,123	253,125	323,347	307,179	329,531	274,184	256,021	3,174,320
1878.....	217,029	181,118	236,546	206,726	206,757	207,514	219,926	294,835	330,235	349,596	288,459	242,568	2,981,679
1879.....	194,454	194,856	224,559	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>New York, Lake Erie &amp; Western :</b>													
1877.....	1,052,713	1,039,300	3,262,727	1,290,980	1,334,095	1,233,163	1,041,205	1,271,131	1,184,521	1,535,343	1,570,943	1,465,133	17,170,154
1878.....	1,304,018	1,121,411	3,572,638	1,127,079	1,172,961	1,258,990	1,167,670	1,445,929	1,338,272	1,473,532	1,781,391	1,205,755	17,559,646
1879.....	1,147,173	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>Philadelphia and Reading :</b>													
1876.....	619,631	553,201	696,430	1,323,978	1,312,267	970,456	922,449	1,110,773	1,227,469	1,386,199	1,166,628	793,106	12,082,586
1877.....	711,730	673,036	851,991	1,160,898	1,151,795	1,027,314	917,228	1,248,716	1,331,582	1,330,857	934,658	1,206,434	12,556,239
1878.....	610,768	482,238	658,991	903,765	1,101,497	1,267,874	854,164	1,217,543	674,113	1,205,373	1,356,831	810,891	11,144,048
1879.....	900,482	825,154	889,569	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>St. Louis, I. Mt. &amp; South'n :</b>													
1877.....	377,203	352,407	350,778	287,903	283,686	274,164	277,320	374,165	421,605	510,812	458,075	526,304	4,500,422
1878.....	375,521	341,318	344,198	287,200	270,329	253,600	290,200	359,100	416,800	577,200	533,700	473,110	4,518,236
1879.....	334,029	339,950	352,580	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>St. Louis, Kans. C. &amp; North'n :</b>													
1876.....	246,099	282,879	271,230	236,237	236,082	229,338	218,479	255,838	233,990	328,124	282,511	264,059	3,143,866
1877.....	240,316	232,761	277,943	264,020	227,178	171,856	193,928	302,026	321,180	347,940	312,338	258,685	3,150,477
1878.....	264,289	234,661	299,825	248,522	258,132	205,733	237,629	309,103	321,362	347,172	312,592	279,905	3,317,816
1879.....	256,519	266,828	320,188	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>Toledo, Peoria and Warsaw :</b>													
1876.....	99,208	112,261	102,737	118,043	125,209	13							



## AMERICAN RAILROAD BOND LIST.

Asterisk (\*) affixed to rate of Interest signifies "Payable in Coin."

Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.	Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.
			When.	Where.						When.	Where.		
Adirondack:							Blue Ridge, (S. Car.):						
1st Mortgage.....	\$ 940,000	7	Jan. & July.	New York.	1886	....	1st Mort., guar. by State (gold) .	4,000,000	7*	Jan. & July.	Charleston.	1898	....
Alabama and Chattanooga:							Boston and Albany:						
1st Mortgage, guar. by Ala.....	5,200,000	8*	Jan. & July.	New York.	1889	....	Currency bonds of Feb. 1, 1872.	5,000,000	7	Feb. and Aug.	Boston.	'91-'92	119 1/2
Receiver's Bonds.....	1,300,000	8	"	"	....	....	Loan of 1875.....	2,000,000	6	Jan. & July.	"	1895	109 1/2
Alabama and Georgia:							Boston, Clinton and Fitchburg:						
1st Mortgage, guar. by Ala. & Ga.	16,000,000	8	Jan. & July.	New York.	1891	....	1st Mortgage (Agricultural Br.)...	400,000	6	Jan. & July.	Boston.	1884	69 1/2
Alabama Central:							1st Mortgage (Equalization)....	300,000	7	"	"	1890	....
1st Mortgage.....	1,600,000	8	Jan. & July.	New York.	1901	....	1st Mortgage (Consolidation)....	252,000	7	"	"	1890	....
Albany and Susquehanna:							Equipment Mortgage.....	870,000	8	Apr. and Oct.	"	1891	....
1st Mortgage.....	1,000,000	7	Jan. & July.	New York.	1888	114 1/2	Boston, Concord and Montreal:						
2d Mortgage.....	2,000,000	7	April & Oct.	"	1885	109 1/2	Sinking Fund Mortgage.....	624,000	6	Jan. and July.	Boston.	1899	92
3d Mortgage.....	253,000	7	May & Nov.	"	1881	....	1,324,000	7	Apr. and Oct.	Boston.	1893	104	
Albany Loan.....	983,000	6	"	"	1895	....	Consol. Mortgage for \$2,000,000.	257,200	6	"	"	1895	....
Cohoes, M. (guar. by D. & H. Co.)	1,595,000	7	April & Oct.	"	1905	96	Boston, Hartford and Erie:						
Alexandria and Fredericksburg:							1st Mortgage (old).....	275,000	7	Mar. and Sept.	Boston.	1884	....
1st Mortgage.....	1,000,000	7	June & Dec.	Philadelphia.	1896	....	1st Mortgage (Berdel).....	15,000,000	7	Jan. and July.	New York.	1900	37 1/2
Allegheny Valley:							1st Mortgage, guar. by Erie.....	5,000,000	7	"	"	1900	32
General Mortgage.....	3,987,000	7 1/2	Jan. & July.	New York.	1896	....	Mass. L. (sec'd by \$4,000,000 Ber.)	3,600,000	7*	"	"	1899	....
Special Mortgage to Penn.....	3,500,000	5	January.	Harrisburg.	....	101 1/2	Boston and Lowell:						
1st M., E. Ext., guar. by Pa. R.R.	9,938,000	7	April & Oct.	Phil. or Lond.	1900	30 1/2	Bonds (Wharf Purchase).....	200,000	6	Apr. and Oct.	Boston.	1879	101
Funding Income (traffic guar.)	5,402,500	7	"	Pittsburg.	1894	....	Bonds of 1872 for \$1,000,000....	999,500	7	"	"	1892	113
American Central:							Bonds of 1875.....	500,000	7	Mar. and Sept.	"	1895	113 1/2
1st Mort., guar. by C., B. & Q.	388,000	7	Jan. & July.	New York.	1878	100 1/2	Bonds of 1878.....	425,000	6	Jan. and July.	"	1896	106 1/2
Androscooggin:							Boston and Maine:						
1st Mortgage (Bath Loan).....	425,000	6	Jan. & July.	Bath, Me.	1891	....	Bonds of 1893 (coup. and reg.)...	3,200,500	7	Jan. and July.	Boston.	'93-'94	117
Arkansas Central (narrow gauge):							Boston and New York Air Line:						
1st Mortgage.....	1,200,000	7*	Jan. & July.	Lond. or Ama.	1891	....	1st mortgage.....	500,000	7	Feb. and Aug.	New York.	1895	102
Ashabula, Youngstown & Pitta:							Boston and Providence:						
1st Mortgage.....	1,500,000	7*	April & Oct.	New York.	1901	....	Bonds to purchase P. W. & B. R. d.	500,000	7	Jan. and July.	Boston.	1893	115
2d Mortgage, Income.....	400,000	7	Jan. and July.	Pittsburg.	1904	....	Brunswick and Albany:						
Atchison and Nebraska:							1st Mort. (gold) end. by G. tax fr.	3,630,000	6*	Apr. and Oct.	New York.	1908	....
1st Mortgage.....	3,750,000	8	March & Sept.	Boston.	1896	....	2d Mort. sinking fund gold.....	2,350,000	7*	"	"	1896	....
Atchison, Topeka and Sa. t. F.:							Buffalo, Bradford and Pittsburg:						
1st Mortgage (gold).....	7,041,000	7*	Jan. & July.	New York.	1899	111 1/2	General Mortgage.....	580,000	7	Jan. & July.	New York.	1896	....
Land Grant Mortgage (gold)....	3,368,000	7*	Apr. & Oct.	Boston.	1900	111 1/2	Buffalo, Corry and Pittsburg:						
1st Mort. (Wichita Br.) traf. guar	412,000	7*	Jan. & July.	"	1902	....	1st Mortgage.....	700,000	7	Jan. and July.	New York.	1886	....
Pottawotomie Land Grant.....	439,000	7	May & Nov.	N. Y. or Bos.	1879	....	Buffalo and Erie.....						
Consol. Second Mort. (gold)....	3,385,000	7*	Apr. & Oct.	"	1903	113	Mort. bonds (ass'd by L. & M. S.)	200,000	7	Jan. and July.	New York.	1892	....
Land Income bonds.....	490,500	12	Jan. & July.	Boston.	....	....	Mort. bonds ( " " )	300,000	7	March & Sept.	"	1896	....
Atlanta and Charlotte Air Line:							Mort. bonds ( " " )	2,844,000	7	Apr. and Oct.	"	1898	110
1st Mortgage (registered).....	4,250,000	7	Jan. & July.	New York.	1907	....	Buffalo and Jamestown:						
Atlantic and Great Western:							Mortgage.....	1,000,000	6*	"	New York.	1902	....
1st Mortgage (gold).....	14,922,200	7*	Jan. & July.	N. Y. or Lond.	1902	....	Buffalo, New York and Erie:						
2d Mortgage (gold).....	10,173,679	7*	March & Sept.	"	1902	....	1st Mortgage Renewal Bonds....	2,380,000	7	June & Dec.	New York.	1910	110
3d Mortgage (gold) Income.....	28,783,000	7*	May & Nov.	"	1902	....	Buffalo, New York & Phila:						
Atlantic and Gulf:							1st Mortgage.....	2,296,000	6*	Jan. & July.	New York.	1896	93
Consolidated 1st Mortgage.....	2,310,200	7	Jan. & July.	New York.	1887	65	2d Mortgage for \$1,000,000....	231,500	10	"	"	1893	....
1st Mortgage (S. Ga. & Fla. R. R.)	464,000	7	May & Nov.	"	1888	....	Burlington, Cedar Rapids & Nor:						
2d Mortgage (S. Ga. & Fla. R. R.)	200,000	7	"	"	1889	....	1st Mortgage.....	6,500,000	5	June & Dec.	New York.	1905	73
Atlantic and Lake Erie:							1st Mort. (Minn. & St. Louis)...	150,000	7*	Jan. & July.	"	1911	....
1st Mort. (gold) for \$5,000,000....	....	7*	Jan. & July.	New York.	1901	....	Burlington and Missouri River:						
Atlantic, Miss. and Ohio (428 m.):							Land and R. R. Mortgage.....	4,683,250	7	Apr. & Oct.	N. Y. & Bos.	1893	114 1/2
1st Mortgage for \$15,000,000....	5,470,000	7*	Apr. & Oct.	New York.	1901	....	Stock (common) Bonds.....	296,400	6	Apr. & Oct.	N. Y. & Bos.	1879	104 1/2
2d Mort. to State (not int. till '80).	4,000,000	....	"	"	....	....	Stock (common) Bonds.....	279,000	8	Jan. & July.	"	1894	106
Atlantic and Pacific:							Stock (common) Bonds.....	370,500	8	"	"	1889	....
Land Mortgage gold bonds.....	2,829,000	6*	Jan. & July.	New York.	1888	....	Burlington and Mo. Riv. in Neb:						
2d Mortgage for \$3,000,000 (gold)	2,015,500	6*	May & Nov.	"	1891	....	1st Mortgage convertible.....	5,627,000	8	Jan. & July.	N. Y. & Bos.	1894	117
1st Mort. (So. Pac. R. R. assumed)	1,788,500	6*	Jan. & July.	"	1889	61	Bonds convertible until 1897....	600,000	8	"	Boston.	1888	113
1st Mort. (Central Div.) gold....	1,190,000	6*	May & Nov.	"	1891	....	Consolidated Mortgage.....	....	6	"	Boston.	....	....
1st Mort. (Central Div.) L. G. ....	794,000	6*	"	"	1901	....	Burlington and Southwestern:						
Equipment Bonds.....	758,000	10	June & Dec.	"	1883	....	1st Mortgage (\$20,000 per mile).	1,800,000	8	May & Nov.	Boston.	1891	13
Income Bonds (for funding)....	529,600	6*	"	"	1883	....	Cairo and Fulton (Arkansas):						
Land Debentures.....	800,000	10	J. A. J. & O.	"	1884	....	1st Mort. (R. R. and lands) S. F.	3,000,000	7*	Jan. & July.	New York.	1891	....
Atlantic and St. Lawrence:							Cairo and St. Louis (3 ft. gauge):						
Sterling bonds (not Mort.) of 1883.	484,000	6*	May & Nov.	London.	1878	....	1st Mortgage.....	2,500,000	7	Apr. & Oct.	New York.	1901	....
2d Mortgage (sterling) of 1884....	1,500,000	6*	Apr. & Oct.	"	1884	....	Cairo and Vincennes:						
3d Mortgage (sterling) of 1871....	713,000	6*	May & Nov.	"	1891	....	1st Mortgage, gold.....	3,500,000	7*	Apr. & Oct.	N. Y. & Lond.	1909	....
Portland City Bonds, 1st M., a. f.	787,000	6	"	Portland.	1890	....	2d Mortgage.....	1,500,000	7*	Jan. & July.	"	1898	....
Bald Eagle Valley:							California Pacific:						
1st Mortgage.....	354,000	6	Jan. & July.	Philadelphia.	1881	....	1st Mortgage, sinking fund.....	2,250,000	7*	Jan. & July.	New York.	1889	....
2d Mortgage.....	100,000	7	"	"	1884	....	Extension, or 2d Mortgage.....	3,500,000	7*	Jan. & July.	"	1890	....
Baltimore and Ohio:							2d Income, or double track b'ds	1,600,000	6*	Jan. & July.	"	1891	....
Loan of 1850-'80.....	579,500	6	Jan. & July.	Baltimore.	1890	102 1/2	Camden and Amboy:						
Loan of 1885-'95.....	1,710,000	6	Apr. & Oct.	"	1886	103 1/2	Loan of 1883.....	1,700,000	6	Feb. & Aug.	Philadelphia.	1883	103 1/2
Loan of 1855-'90 (Balt.) skg fd....	3,151,122	6	Jan. & July.	"	1890	....	Loan of 1899.....	866,000	6	June & Dec.	Princeton.	1889	105 1/2
Loan of 1870-'95 (stk.) skg fund.	3,278,958	6*	March & Sept.	London.	1896	....	Mortgage Loan of 1889.....	5,000,000	6	May & Nov.	Philadelphia.	1889	112
Loan of 1872-1902 (stk.) S. F. ....	9,029,852	6*	"	"	1902	....	Sterling Loan, S. F. (£262,000).	1,286,030	6*	Feb. & Aug.	London.	1890	....
Loan of 1874-1910 (stk.) S. F. ....	9,464,660	6*	May & Nov.	"	1910	....	Camden and Atlantic:						
Baltimore and Potomac:							1st Mortgage.....	490,000	7*	Jan. & July.	Philadelphia.	1893	116
1st Mort. (tunnel) gold guar....	1,500,000	6*	Jan. & July.	Baltimore.	1911	....	2d Mortgage.....	500,000	7	Apr. & Oct.	"	1879	102
1st Mortgage (R. R.) gold guar....	3,000,000	6*	Apr. & Oct.	"	1911	....	Camden and Burlington County:						
Bangor and Piscataquis:							Consolidated 1st Mortgage.....	350,000	6	Feb. & Aug.	Philadelphia.	1897	105
1st Mortgage (Bangor loan).....	600,000	6	Apr. & Oct.	Boston.	1899	....	Canada Southern:						
1st Mort. (Bangor loan) extens'n	120,000	7	"	"	1901	....	1st Mort. (skg fd) for \$2,000,000	9,000,000	7*	Jan. & July.	New York.	1906	81 1/2
Bay City and East Saginaw:							Cape May and Millville:				</		

## AMERICAN RAILROAD BOND LIST.

An Asterick (\*) affixed to rate of interest signifies "Payable in Colln."

Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.	Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.
			When.	Where.						When.	Where.		
Oedar Rapids & Mo. Riv. (C. & N.W.):							Chicago, Iowa and Nebraska:						
1st Mortgage, 1st Div. \$10,000 p.m.	878,000	7	Feb. & Aug.	New York.	1891	110	2d Mort. (now 1st) guar. C. & N.W.	568,200	7	Jan. & July.	Boston.	1890	102
1st Mortgage 2d Div. \$10,000 p.m.	882,000	7	"	"	1894	109	8d Mort. (now 2d) guar. C. & N.W.	211,500	7	Feb. & Aug.	New York.	1892	100
1st Mortgage 3d Div. \$16,000 p. m.	2,400,000	7	May & Nov.	"	1916	113	Chicago and Lake Huron:						
Central Branch Union Pacific:							1st Mort. 1st series (Peninsular.)	1,800,000	7	May and Nov.	N.Y. or Lond.	1899	....
1st Mort. (Atch. & Pike's Peak).	1,600,000	6	May & Nov.	New York.	1895	....	1st Mort. 2d series ( " )	2,000,000	7	"	"	1900	....
2d Mortgage Govern'm't at 2c p. m.	1,000,000	6	Jan. & July.	"	1896	....	1st M. (Port Huron & L. Mich.)	1,800,000	7	"	New York.	1899	....
Central of Georgia:							2d Mortgage (Peninsular).....	540,000	6	Feb. and Aug.	"	1881	....
General Mort. for \$5,000,000....	2,222,000	7	Jan. & July.	N.Y. & Savan.	1893	....	Consolidated Mortgage.....	12,000,000	6	"	"	1906	....
Macon & West. (Atlanta D.) b'ds	117,000	7	April & Oct.	Savannah.	1880	....	Chicago and Milwaukee Railway:						
Central of Iowa:							1st Mort., guar. by C. and N.W.	1,700,000	7	Jan. & July.	New York.	1896	115
1st Mortgage, gold, \$16,000 p.m.	3,700,000	7	Jan. & July.	New York.	1899	324	Chicago and Mich. Lake Shore:						
2d Mortgage, gold, \$4,000 p.m.	925,000	7	April & Oct.	"	1901	....	1st Mortgage.....	477,000	8	March & Sept.	Boston.	1889	....
Central of L. I. (Flush. N.C. & C.):							1st Mortgage.....	2,500,000	8	Jan. & July.	"	1890	100
1st Mortgage.....	1,275,000	7	May & Nov.	New York.	1889	....	1st Mortgage.....	1,350,000	8	May & Nov.	"	1891	....
Central of New Jersey:							1st Mortgage (on Brann-h).....	1,325,000	8	March & Sept.	"	1892	....
Convertible bonds of 1872.....	4,400,000	7	May & Nov.	New York.	1902	103	Chicago, Milwaukee and St. Paul:						
1st Mort. (New) for \$5,000,000....	5,000,000	7	Feb. & Aug.	"	1890	116	1st Mort. (La Crosse division.)	6,800,000	7	Jan. & July.	New York.	1893	111
Newark Branch Bonds.....	600,000	7	Jan. & July.	"	1887	....	1st Mort. (Chic. and Mil. Div.)	2,500,000	7	Jan. & July.	"	1903	111
Loan of L. C. & Nav. Co. (aust'd)	2,310,000	6	J. A. J. & O	Philadelphia.	1897	....	1st Mort. (Iowa & Dakota Ext.)	1,000,000	7	"	"	1908	102
Consol. Mort. for \$25,000,000....	16,000,000	7	"	New York.	1899	104	1st Mort. (Iowa and Minn. Div.)	3,810,000	7	Jan. & July.	"	1897	109
Central Ohio (B. and O.):							1st Mort. (Minnesota Central.)	190,000	7	"	"	1894	....
1st Mortgage guaranteed.....	2,500,000	6	March & Sept.	Baltimore.	1890	105	1st Mort. (St. Paul Division.)	4,000,000	7	"	"	1902	110
Central Pacific of California:							1st Mort. (Iowa and Dak. Div.)	591,000	7	"	"	1899	103
1st Mort. 30 years bonds, (gold).	25,883,000	6	Jan. & July.	New York.	'95-'98	101	1st Mort. (Prairie du Chien Div.)	3,674,000	8	Feb. & Aug.	"	1898	124
Convertible 20 years bonds, gold	1,488,000	7	"	"	1883	103	2d Mort. ( " )	1,315,000	7.5	"	"	1898	106
State Aid B'ds (Int. by State) gold	1,500,000	7	"	Sacramento.	1884	105	1st Mort. (Hast. and Dak. Div.)	172,000	7	Jan. & July.	"	1902	163
2d Mort. (Govern'm't Subaldy)	27,565,680	6	"	U.S. Treasury.	'95-'99	109	1st Mort. (Mil. and Western)...	234,000	7	Jan. & July.	"	1891	....
1st Mort. (Western Pacific)	2,735,000	6	"	New York.	1899	106	2d Mortgage.....	600,000	7	April & Oct.	"	1884	100
1st Mort. (Calif. & Oregon) gold	5,000,000	8	"	"	'88-'92	100	Equipment and Bridge Bonds.....	....	10	June & Dec.	"	1883	....
1st Mort. (S. Fr. Okid & Ala.)...	500,000	8	"	"	"	90	Consol. Mort. for \$35,000,000....	7,304,000	7	Jan. & July.	"	1906	106
1st Mort. (San Joaquin V.D.) gold	6,090,000	6	April & Oct.	"	"	90	Chicago and Northwestern:						
Land bonds (Cen. Pac. Co.) gold	7,040,000	6	"	"	1890	103	Preferred sinking fund (193 m.)...	1,214,100	7	Feb. & Aug.	New York.	1885	110
Central Vermont:							General 1st Mortgage (193 m.) ..	3,477,800	7	"	"	1885	109
1st Mort. Consol. (Vt. Central).	3,000,000	7	May & Nov.	Boston.	1886	101	Funded coupons (193 m.) ..	708,600	7	May & Nov.	"	1883	106
2d Mort. Consol. ( " )	1,500,000	7	June & Dec.	"	1891	20	Appleton Ext. (23 m. & 76,000 ac.)	116,000	7	Feb. & Aug.	"	1885	106
1st Mort. (Stam. Sheff. and Oh.)	500,000	7	Jan. & July.	"	1887	26	Green Bay Ext. (23m & 76,000 ac.)	235,000	7	"	"	1885	106
Income and Extension Bonds.....	1,008,600	8	May & Nov.	"	1902	23	1st Mort. (Gal. & Oh. U.) 248 m.	1,690,000	7	"	"	1882	....
Equipment Mort. (Vt. Central).	1,000,000	8	"	"	'76-'77	40	Elgin and State Line.....	114,603	6	Jan. & July.	"	1878	....
Equipment Mort. ( " )	1,000,000	8											



## AMERICAN RAILROAD BOND LIST.

Asterisk (\*) affixed to rate of interest signifies "Payable in Coin."

Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.	Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.
			When.	Where.						When.	Where.		
Cleveland and Pittsburg (Pa.Co.):							Detroit & Bay City (Mich. Cent.):						
Construction and Equip. bonds.	600,000	7	Jan. and July	New York.	1913	101	1st Mort. (\$424,000 guar.)	2,380,000	8	May and Nov.	New York.	1902	107
4th (now 3d) Mortgage guar.	1,090,000	6	"	"	1892	110	Detroit, Eel River and Illinois:						
Consol. sinking fund guar.	1,487,000	7	May & Nov.	"	1900	113	1st Mortgage for \$22,000 p.m.	1,064,000	8	Jan. & July.	New York	1891	100
Clev., Painesville & Ashtabula:							2d Mortgage	500,000	7	May and Nov.	"	1883	100
Regist'd bds (ass'd by L.S. & M.S.)	1,000,000	7	Jan. & July.	New York.	1880	101	Detroit, Hillsdale and Indiana:						
3d Mortgage ( " )	1,000,000	7	April & Oct.	"	1892	115	1st Mort. \$16,000 p. m. guar.	1,170,000	8	June & Dec.	New York.	1907	100
Cleveland and Toledo:							2d Mortgage, (coupon) guar.	300,000	8	Jan. & July.	"	1881	100
1st Mort. a.f. (ass'd by L.S. & M.S.)	1,505,000	7	Jan. & July.	New York.	1885	110	Detroit, Lansing and Northern:						
2d Mortgage ( " )	849,000	7	April & Oct.	"	1888	108	1st Mortgage	1,907,000	7	Jan. & July.	Boston.	1907	100
Celebrookdale:							1st Mort. (Ionia and Lansing)	770,000	8	"	New York.	1889	100
1st Mort. guar. by Ph. and Rdg.	584,700	6	June & Dec.	Philadelphia.	1898	43	2d Mort. ( " )	81,000	8	May & Nov.	"	1880	100
Colorado Central (8 ft. gauge):							Detroit & Milwaukee (Gt. W. of Ca.):						
1st Mortgage	226,000	8	June & Dec.	Boston.	1890	100	1st Mortgage, (D. & M.R.R.)	2,500,000	7	May & Nov.	New York	1875	100
Columbus, Chicago & Ind. Cent.:							2d Mortgage ( " )	1,000,000	8	"	"	1875	100
1st Mortgage Consol. skg fund.	15,344,750	7	April & Oct.	New York.	1908	09	1st Funded Coup. (D. & M.R.R.)	625,924	7	Jan. & July.	"	1875	100
2d Mortgage skg fund.	5,682,400	7	Feb. & Aug.	"	1909	22	2d Funded Coup. ( " )	375,734	7	May & Nov.	"	1875	100
Income convertible	8,898,000	7	"	"	1890	100	1st Mort. (Det. & Pontiac R.R.)	150,000	7	April & Oct.	"	1878	100
1st Mort. (Chic. and Gt. Eastern)	461,000	7	April & Oct.	"	1903-95	100	2d Mort. ( " )	100,000	7	Jan. & July.	"	1878	100
2d Mort. ( " )	344,400	7	Jan. & July.	"	"	100	3d Mort. ( " )	250,000	8	Feb. & Aug.	"	1880	100
1st Mort. (Cin. and Chi. Air-L.)	194,100	7	Feb. & Aug.	"	1890	100	Bonds of Sept. 1, 1866	110,000	7	March & Sept.	"	1886	100
1st M., a.f. ( " )	39,650	7	May & Nov.	"	1890	100	Bonds of June 30, 1866	1,702,317	6	Jan. & July.	"	1886	100
1st Mort. (Col. and Ind. Cent.)	2,833,000	7	Jan. & July.	"	1904	100	Detroit, Mon. & Tol. (L.S. & M.S.)						
2d Mort. ( " )	821,000	10	May & Nov.	"	1904	100	1st Mortgage Aug. 1, 1866	924,000	7	Feb. & Aug.	New York.	1900	112
1st M. (Col. & Ind.) 1st & 2d pref.	309,500	7	Jan. & July.	"	1883	100	Dixon, Peoria and Hannibal:						
2d Mortgage (Ind. Central)	666,500	7	"	"	1883	100	1st Mort., guar. by C., B. and Q.	563,506	8	Jan. & July.	New York.	1889	101
1st Mort. (Tol., Logansport & Bur.)	554,500	7	Feb. & Aug.	"	1884	100	Dubuque and Sioux City:						
Income ( " )	74,624	7	"	"	1884	100	1st Mortgage 1st div.	296,000	7	Jan. & July.	New York.	1883	104
1st Mort. (Union & Logansport)	816,000	7	April & Oct.	"	1906	100	1st Mortgage 2d division	586,000	7	"	"	1884	106
Columbus, Springfield and Cin.:							Dubuque Southwestern:						
1st M. (assumed by Cin., S. & C.)	1,000,000	7	March & Sept.	New York.	1901	100	1st Mortgage	450,000	7	April & Oct.	New York.	1883	100
Columbus and Hocking Valley:							1st Mortgage, preferred	78,500	7	Jan. & July.	"	1883	100
1st Mortgage skg fund.	1,500,000	7	April & Oct.	New York.	1897	100	Dunkirk, Allegheny Val. & Pittsb.						
1st M. on Branch (& 2d on main)	200,000	7	Jan. & July.	"	1880	100	1st Mortgage (gold)	1,200,000	7	June & Dec.	New York.	1900	100
General Mortgage	634,000	7	"	"	1892	100	Dutchess and Columbia:						
Columbus and Xenia:							1st Mortgage Jan. 1, 1868	1,500,000	7	Jan. & July.	New York.	1900	100
1st Mortgage, guar. by L.M.R.R.	302,000	7	March & Sept.	New York.	1890	100	East Alabama and Cincinnati:						
Connecticut and Passumpsic Riv.:							1st Mort. endorsed by Alabama.	400,000	8	Jan. & July.	"	1890	100
New Mortgage for \$1,500,000	1,263,500	7	April & Oct.	Boston.	1893	106	East Brandywine & Waynesboro:						
Coupon Notes	123,000	7	June & Dec.	"	1881	100	1st Mortgage guar. by Pa. R.R.	140,000	7	Jan. & July.	Philadelphia.	1885	100
1st Mort. (Massawippi) guar. gold	400,000	6	Jan. & July.	"	1889	83	East Pennsylvania (Ph. & Rdg.):						
Connecticut River:							1st Mortgage, guaranteed	406,900	7	March & Sept.	Philadelphia.	1888	104
1st Mortgage skg fund	1,000,000	7	Jan. & July.	New York.	1901	100	East Tennessee, Virginia & Ga.:						
Connecticut Valley:							1st Mort., skg fund for \$3,500,000	2,999,000	7	Jan. & July.	New York.	1900	99
1st Mortgage	3,000,000	7	Jan. & July.	N. Y. & Bost.	1900	30	2d Mortgage	190,000	4	"	"	"	1887-87
Connecticut Western:							Endorsed Bonds (East T. & Va.)	147,000	6	May & Nov.	"	1886	100
1st Mortgage tax free	3,000,000	7	Jan. & July.	N. Y. & Bost.	1900	30	Endorsed Bonds (East T. & Ga.)	92,000	6	Jan. and July.	"	1886	100
Connecting (Philadelphia):							Company Bonds (E.T. & Ga., old)	635,000	6	"	"	"	1880-86
1st Mort. ABCD & R. \$200,000 each	991,000	6	March & Sept.	Philadelphia.	1223-4	108	Company Bonds ( " new)	135,400	6	"	"	"	1870
Cooperstown and Susq. Valley:							Eastern (Mass.):						
1st Mortgage	100,000	7	March & Sept.	New York.	1889	100	1st Mort. (Essex R.R.) assumed	194,400	6	March & Sept.	Boston.	1890	90
Cowanesque Valley:							Loan of 1867	100,000	7	"	"	1887	100
1st Mortgage, gold	95,000	7	Jan. & July.	New York.	1902	100	Loan of 1868	100,000	6	"	"	"	1887-89
2d Mortgage	100,000	7	May & Nov.	"	1882	100	Loan of 1869	100,000	6	May & Nov.	"	1889	100
Cumberl'd & Penn. (Consol. Coal):							Ten year coupon notes	100,000	7	"	"	1892	100
1st Mortgage	803,500	6	March & Sept.	New York.	1891	100	Ten year coupon notes	100,000	7	"	"	"	1892-94
2d Mortgage, sinking fund	648,000	6	May & Nov.	"	1888	100	Sinking Fund Bonds	7	May & Nov.	"	1884	100	
Cumberland Valley:							Sterling Sinking Fd. Bonds	3,049,200	6	March & Sept.	London.	1892	100
1st Mortgage	161,000	8	April & Oct.	Philadelphia.	1904	100	Certif. of Indeb. Sept. 1, 1876	12,073,000	34	"	Boston.	1900	70
2d Mortgage	106,500	8	"	"	1903	100	Eastern Shore (Md.):						
Plain bonds	81,800	6	"	"	1894	100	1st Mortgage	400,000	6	Jan. & July.	Philadelphia.	1880	100
Danbury and Norwalk:							2d Mortgage	200,000	6	April & Oct.	"	1880	100
Mortgage Bonds of 1876	100,000	7	Jan. & July.	New York.	1880	100	Elizabethtown and Paducah:						
Mortgage Bonds of 1870	200,000	7	"	"	1880	100	1st Mortgage, convertible	8,000,000	8	March & Sept.	New York.	1890	100
Mortgage Bonds of 1872	200,000	7	"	"	1892	100	Elmira and Williamsport (N. Cen.):						
Danv., Hazleton & Wilkesbarre:							1st Mortgage guaranteed	1,000,000	7	Jan. & July.	Philadelphia.	1880	109
1st Mortgage	1,400,000	7	April & Oct.	Philadelphia.	1887	40	Income Mortgage guaranteed	570,000	8	April & Oct.	"	1882	79
2d Mortgage	300,000	7	"	"	1886	100	Erie Railway:						
Danv., Urb., Bloomington & Pekin:							1st Mortgage, extended	2,458,000	7	May & Nov.	New York	1897	120
1st Mortgage	2,000,000	7	April & Oct.	New York.	1900	100	2d Mortgage	2,174,000	7	March & Sept.	"	1879	103
Davenport and St. Paul:							3d Mortgage	4,882,000	7	"	"	1883	107
1st Mort. gold skg fd \$20,000 p.m.	3,000,000	7	April & Oct.	New York.	1911	100	4th Mortgage convertible	2,937,000	7	April & Oct.	"	1880	103
Dayton and Michigan (O.H. & D.):							5th Mortgage convertible	709,500	7	June and Dec.	"	1888	100
1st Mortgage sinking fund guar.	1,816,000	7	Jan. & July.	New York.	1881	100	Buffalo Branch, 1st mortgage	192,900	7	Jan. & July.	"	1891	100
2d Mortgage, guar.	426,000	7	March & Sept.	"	1884	100	Long Jock Mortgage	3,000,000	7	June and Dec.	"	1893	110
3d Mortgage, guar.	351,000	7	April & Oct.	"	1888	100	1st Consol Mortgage gold	10,638,714	7	March & Sept.	NY & London.	1920	109
Toledo Depot bonds guar.	106,500	7	March & Sept.	"	1886-94	100	1st Consol Mort. Coup. Bonds	3,718,100	7	"	"	1920	72
Dayton and Union:							Erie and Pittsburg (Penn.):						
1st Mortgage, registered	140,000	7	March & Sept.	New York.	1879	100	1st Mortgage	292,200	7	Jan. & July.	New York.	1882	100
2d Mortgage	135,000	7	June & Dec.	"	1879	100	2d Mortgage	92,800	7	April & Oct.	"	1880	100
Income Bonds	252,445	6	"	"	1879	100	Consolidated Mortgage	2,192,000	7	Jan. & July.	"	1880	97
Dayton and Western (L. M. R.R.):							Equipment Mortgage	760,000	7	April & Oct.	"	1890	100
1st Mortgage (assumed)	142,000	7	March & Sept.	New York.	1881	100	European & N. American (Me.):						
1st Mortgage ( " )	498,000	6	Jan. & July.	"	1906	100	Bangor City Bonds (1st m. 55 m.)	1,000,000	6	Jan. & July.	Boston.	1894	100
Decatur, Sullivan and Mattoon:							1st L.M. (& 1st on 54, & 2d on 55 m.)	2,000,000	6	March & Sept.	New York.	1899	100
1st Mortgage	500,000	8	March & Sept.	New York.	1901	100	Evansville and Crawfordsville:						

## AMERICAN RAILROAD BOND LIST.

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Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.	Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.
			When.	Where.						When.	Where.		
<b>Florida</b>							<b>Huntingdon and Broad Top Mt.:</b>						
1st Mortgage conv. gold.....	2,200,000	7*	Jan. & July.	N. Y. & Lond.	1889	....	1st Mortgage gold.....	416,000	7*	April & Oct.	Philadelphia	1890	111
Flushing, North Shore and Cent.:							2d Mortgage.....	267,500	7*	Feb. & Aug.	"	1896	104
1st Mort. (Flushing & N. Side.)	800,000	7	May & Nov.	New York.	1889	....	Consolidated Mortgage.....	1,383,000	7	April & Oct.	"	1895	38
2d Mort. ( " )	400,000	7	"	"	1900	....	<b>Illinois Central:</b>						
1st Mort. (Central of L. I.)	1,600,000	7	Mar. & Sept.	"	1902	....	Redemption bonds, currency....	2,500,000	6	April & Oct.	New York.	1890	...
1st Mort. (Cent. R. R. Exten.)	200,000	7	May and Nov.	"	1903	....	Sterling Bonds, \$500,000....	2,500,000	6*	"	London.	1895	...
1st Mort. (North Shore).....	140,000	7	Feb. & Aug.	"	1885	....	Sterling Bonds, Sinking Fund....	4,393,000	5*	"	"	1903	...
1st Mort. (Whitestone & W.)	93,000	7	Jan. & July.	"	1893	....	Sterling Bonds, \$200,000....	1,000,000	5*	June & Dec.	"	1905	...
1st Mort. (N. Y. & Flushing)...	25,000	7	Mar. & Sept.	"	1890	....	<b>Illinois Grand Trunk (C. B. &amp; Q.):</b>						
<b>Fonda, Johnston &amp; Gloversville:</b>							1st Mortgage, guaranteed.....	900,500	8	April & Oct.	Boston.	1890	111
1st Mortgage.....	300,000	7	Jan. & July.	New York.	1890	....	Indiana and Illinois Central:						
<b>Fort Wayne, Jackson &amp; Saginaw:</b>							1st Mortgage gold.....	3,500,000	7*	Jan. & July.	New York.	1901	...
1st Mortgage, traffic guarantee...	1,500,000	8	Jan. & July.	New York.	1889	42	Indiana North and South:						
2d Mortgage (Equipment).....	500,000	8	April & Oct.	"	1881	....	1st Mort. (Nor. Div.) \$22,000 p.m.	1,700,000	7*	March & Sept.	New York.	1903	...
<b>Fort Wayne, Muncie &amp; Cin.:</b>							Indianapolis, Blooming. & West:						
1st Mortgage.....	1,300,000	7*	April & Oct.	Boston.	1899	....	1st Mortgage gold.....	5,000,000	7*	April & Oct.	New York.	1909	34
2d Mortgage.....	500,000	8	"	"	1896	....	1st Mortgage Extension gold...	5,570,000	7*	Jan. & July.	"	1912	...
<b>Framingham and Lowell:</b>							2d Mortgage.....	1,500,000	8	"	"	1890	2
1st Mortgage.....	500,000	7	April & Oct.	Boston.	1890	92	Indianapolis and Madison:						
2d Mortgage.....	100,000	8	"	"	1883	89	1st Mort. assumed by J. M. & I.	897,000	7	May & Nov.	New York.	1881	...
<b>Frederick and Pennsylvania Line:</b>							Indianapolis & Vincennes:						
1st Mortgage gold.....	150,000	6*	April & Oct.	Baltimore.	1901	....	1st Mortgage guar. by Pa. R. R.	1,700,000	7	Feb. & Aug.	New York.	1908	...
<b>Fremont, Wilkorn &amp; Mo. (B. &amp; P.):</b>							2d Mortgage guar. by Pa. R. R.	1,450,000	6	May & Nov.	"	1900	...
1st Mortgage.....	690,000	7	April & Oct.	.....	1901	31	International and Gt. Northern:						
<b>Galena &amp; Chic. Union (C. &amp; N. W.):</b>							1st Mortgage a. f. (Intern. R. R.)	3,040,000	7*	April & Oct.	New York.	1911	81
1st Mortgage.....	1,692,000	7	Feb. & Aug.	New York.	1882	101	Convertible B'ds ( " )	1,473,000	8	Feb. & Aug.	"	1892	...
<b>Galv., Harrisburg &amp; San Antonio:</b>							1st Mortgage (Hous. & Gt. N. R.R.)	4,211,000	7*	Jan. & July.	"	1900	81
1st Mortgage.....	1,700,000	6*	Feb. & Aug.	Lond. or Bos.	1910	....	Convert. B'ds ( " )	1,677,000	8	Feb. & Aug.	"	1892	23
<b>Galveston, Houston &amp; Henderson:</b>							<b>Indianapolis, Cin. and Lafayette:</b>						
1st Mortgage.....	1,493,000	7*	Jan. & July.	New York.	1890	84	1st Mortgage of 1867.....	2,800,000	7	Feb. & Aug.	New York.	1897	...
<b>Geneva, Ithaca and Athens:</b>							1st Mortgage of 1869.....	2,000,000	7	June & Dec.	"	1899	...
1st Mortgage, skg. fd., guar....	600,000	7*	Jan. and July.	New York.	1890	....	Funded Interest Bonds, coupon.	469,100	7	March & Sept.	"	75-'85	...
<b>Georgia (and Banking):</b>							Equipment Bonds, registered....	375,000	10	"	"	1883	86
Company bonds (debentures)...	630,000	7	Jan. & July.	Augusta	75-'90	....	1st Mort. (Ind'polis & Cin.) 1885.	1,600,000	7	April & Oct.	"	1888	...
<b>Hilman, Clinton &amp; Springfield:</b>							1st Mort. (Cin. & Indiana)....	499,000	7	June & Dec.	"	1892	...
1st Mortgage gold.....	2,000,000	7*	March & Sept.	N. Y. & Lond.	1900	....	2d Mort. ( " ) guar.	1,497,000	7	Jan. & July.	"	77-'82	...
2d Mortgage gold.....	1,000,000	8*	Jan. & July.	"	1892	....	<b>Indianapolis and St. Louis:</b>						
<b>Goshen and Deckertown (Erie):</b>							1st Mortgage.....						
1st Mortgage.....	246,500	7	Jan. & July.	New York.	1888	....	1st Mortgage.....	2,000,000	7	Jan. & July.	New York.	1919	68
<b>Grand Rapids &amp; Indiana:</b>							2d Mortgage.....	1,000,000	7	March & Sept.	"	1910	...
1st Mortgage L. G. guar. gold....	4,000,000	7*	Jan. & July.	New York.	1899	104	Equipment Mortgage.....	375,000	10	Jan. & July.	"	1881	...
1st Mort. L. G. not guar. gold...	3,224,000	7*	April & Oct.	"	1899	85	<b>Ionia and L. &amp; N. W. L. &amp; L. M.):</b>						
<b>Grand River Valley (Mich. C.):</b>							1st Mortgage.....	770,000	8	Jan. & July.	New York.	1890	110
1st Mort., assumed by Lessees...	1,000,000	8	Jan. & July.	New York.	1886	101	2d Mortgage.....	81,000	8	May & Nov.	"	1886	...
2d Mortgage, guar. by Lessees...	500,000	8	March & Sept.	"	1879	94	<b>Iowa Falls and Sioux City:</b>						
<b>Grand Trunk (Ca.):</b>							1st Mortgage.....	2,960,000	7	April & Oct.	New York.	1917	106
Equipment Bonds \$500,000....	2,500,000	6*	April & Oct.	London.	1877	....	<b>Iowa Midland (C. &amp; N. W.):</b>						
Equip'mt Bonds No. 2 \$500,000	2,500,000	6*	Jan. & July.	"	1920	....	1st Mort., \$18,000 p.m., guar....	1,350,000	8	April & Oct.	New York.	1900	113
Postal & Military b'ds £1,200,000	6,000,000	6*	Feb. & Aug.	"	Perp.	....	<b>Ironton (Penn.):</b>						
1st Preference Bonds £3,218,149	16,090,745	5*	Jan. & July.	"	Irr.	....	1st Mortgage.....	100,000	7	May & Nov.	Philadelphia.	1875	...
2d Preference Bonds £2,827,808	11,689,040	4*	"	"	"	....	Ithaca and Athens (Penn.):						
3d Preference Bonds £2,163,910	8,519,560	4*	"	"	"	....	1st Mortgage gold, skg fund....	600,000	7*	Jan. & July.	New York.	1890	107
Provincial Debenture's £3,111,500	15,567,500	...	"	Ottawa.	....	....	Jackson, Lansing & Saginaw (MO):						
<b>Great Western of Canada:</b>							1st Mortgage guar.....	1,277,000	8	Jan. & July.	New York.	1885	...
Mortgage Bonds £127,000.....	635,000	6	Jan. & July.	London.	1876	....	1st Mort. (Northern Ext.) guar.	587,000	8	May & Nov.	"	1890	...
Mortgage Bonds £547,000....	2,735,000	5	April & Oct.	"	77-'78	....	Consolidated Mortgage (236 m.)	2,001,000	8	March & Sept.	"	1891	...
New Bonds £1,000,000....	5,000,000	6	June & Dec.	"	1890	....	<b>Jacksonville, North West &amp; S. East:</b>						
Debenture Bonds £1,743,160....	8,715,900	5	Jan. & July.	"	Perp.	....	1st Mortgage.....	610,000	7*	Jan. & July.	New York.	1902	...
<b>Great Western Railway of 1859:</b>							<b>Jacksonville, Pensac. and Mobile:</b>						
1st Mort., ass'd by T. W. & W.	2,500,000	7	Feb. & Aug.	New York.	1888	106	1st Mortgage.....	472,000	7	Jan. & July.	New York.	1880	...
2d Mort., " " " " " "	2,500,000	7	May & Nov.	"	1893	86	2d Mortgage.....	3,000,000	8	"	"	1899	...
<b>Green Bay and Minnesota:</b>							<b>James' &amp; Frank (L. S. &amp; M. So.):</b>						
1st Mortgage.....	3,200,000	7*	Feb. & Aug.	.....	1900	....	1st Mortgage guaranteed.....	433,000	7	Jan. & July.	New York.	1897	...
<b>Greenville and Columbia:</b>							2d Mortgage guaranteed.....	500,000	7	June & Dec.	"	1894	...
1st Mortgage guar. by S. Car....	1,426,546	7	Jan. & July.	Columbia.	81-'86	....	<b>Jefferson (Erie):</b>						
1st Mortgage not guaranteed....	376,766	7	"	"	81-'86	....	1st Mort. (Hawley Section)....	264,000	7	Jan. & July.	New York.	1887	97
<b>Greenwich and Johnsonville:</b>							2d Mort. ( " )	84,000	7	"	"	1889	...
1st Mortgage.....	185,000	7	May & Nov.	New York.	1889	....	1st Mort. (Carbondale Section)...	2,000,000	7	"	"	1889	...
<b>Gulf, Western Texas and Pacific:</b>							<b>Jeffersonville, Madison &amp; Indian:</b>						
1st Mortgage (Construction)...	1,386,000	7*	Jan. & July.	.....	1902	....	1st Mortgage consol.....	2,474,000	7	April & Oct.	New York.	1906	...
<b>Hannibal and Naples (T. W. &amp; W.):</b>							2d Mortgage consol.....	2,000,000	7	Jan. & July.	"	1910	...
1st Mortgage.....	675,000	7	May & Nov.	New York.	1898	33	1st Mortgage (Ind. & Mad.) guar.	397,000	7	May & Nov.	"	1881	...
2d Mortgage.....	225,000	7	Jan. & July.	"	1890	....	<b>Jersey City and Albany:</b>						
<b>Hannibal &amp; Cent. Mo. (T. W. &amp; W.):</b>							1st Mortgage.....	250,000	7*	Jan. & July.	New York.	1913	...
1st Mortgage, tax free.....	1,000,000	7	May & Nov.	New York.	1890	106	1st Mortgage (Ridgefield Park)...	300,000	7	May & Nov.	"	1912	...
2d Mortgage.....	250,000	7	"	"	1892	76	<b>Joliet and Chicago (C. &amp; Alton):</b>						
<b>Hannibal and St. Joseph:</b>							1st Mortgage skg fund guar....	336,000	8	Jan. & July.	New York.	1882	106
1st Mortgage.....	1,500,000	6	Jan. & July.	New York.	87-'94	105	<b>Junction, Philadelphia:</b>						
Missouri State Loan.....	1,500,000	6	"	"	87-'88	....	1st Mortgage, guaranteed.....	500,000	6	Jan. & July.	Philadelphia	1882	106
Missouri State Loan.....	4,000,000	6*	March & Sept.	"	1885	107	2d Mortgage not guaranteed....	300,000	6	April & Oct.	"	1900	103
Fifteen years' bonds (277 m.)...	800,000	8	Feb. & Aug.	"	1892	....	<b>Junction and Breakwater:</b>						
1st Mort. (Q. & Palm R.R. 15 m.)	1,300,000	10	Jan. & July.	"	1888	112	1st Mort. guar. by Delaware....	352,000	6	Jan. & July.	New York.	1890	...
1st Mort. (K. City & Cam. RR 55 m)	1,300,000	7	April & Oct.	"	1888	....	Kalamazoo, Allegan & Gr. Rapids:						
General Land Mortgage (277 m.)							1st Mort. assumed by L. S. & M. So.	840,000	8	Jan. & July.	New York.	1883	95
<b>Harlem Extension:</b>							Kalamazoo and Schoolcraft:						
1st Mortgage.....	4,000,000												



## AMERICAN RAILROAD BOND LIST.

An Asterisk (\*) fixed to rate of interest signifies "Payable in Coin."

Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.	Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.
			When.	Where.						When.	Where.		
<b>Kansas Pacific:</b>							<b>Louisville, Cin. and Lexington:</b>						
1st Mort. (1st Div. 140 m.) gold.	2,240,000	6*	Feb. & Aug.	N. Y. & St. Lo.	1896	114	Bonds to State of Kentucky.....	74,519	6	Jan. & July.	New York.	1897	100
1st Mort. (2d Div. 253.94 m.) gold	4,083,000	6*	June & Dec.	"	1896	118	1st Mortgage for Cincinnati Br....	3,000,000	7	"	"	1900	100
1st M. (3d Div. 244.66m. & 3,000,000a)	5,411,000	7*	May & Nov.	N. Y. L. & F.	1899	111	2d Mortgage for \$1,000,000.....	878,000	8	April & Oct.	"	1891	100
1st Mort. (1,000,000 acres).....	1,722,250	7*	March & Sept.	N. Y. & St. Lo.	71-76	112	Louisville Loan.....	100,000	6	Jan. & July	"	1881	100
1st Mort. (2,000,000 acres) gold....	1,722,250	7*	Jan. & July.	N. Y. L. & F.	1890	112	1st Mort. (Louisville & Frankf.)	39,000	6	"	"	73-78	100
2d Mort. ( " ) gold.....	1,500,000	7*	March & Sept.	"	1896	92	1st Mort. (Louis., Cin. and Lex.)	21,000	8	April & Oct.	"	1902	100
1st Mort. (Leavenworth Branch)	600,000	7	May & Nov.	N. Y. & St. Lo.	1896	...	1st Mortgage (Shelby R. R.).....	88,500	8	June & Dec.	"	1881	100
2d Mortgage (Gov't Subsidy).....	3,303,000	6	Jan. & July.	U. S. Treas.	95-97	...	<b>Louisville and Nashville:</b>						
3d Mortgage (Income).....	4,275,350	7	March & Sept.	N. Y. L. & F.	1916	59	Ten Year Mortgage Gold bonds	2,000,000	7*	May & Nov.	New York.	1893	103
<b>Kent County (Del.)</b>							Mort. main office lot & building	80,000	7	"	Louisville.	1883	100
1st Mortgage for \$600,000.....	600,000	6	Jan. & July.	Philadelphia.	1880	...	1st Mort. (Lob. Br. Ext. 73.2m.)..	88,000	7	"	"	80-86	100
<b>Kentucky Central:</b>							1st Mort. (Memphis and Ohio)...	3,500,000	7	June & Dec.	New York.	1901	100
2d Mort. (Cov'gton & Lexington)	844,000	7	March & Sept.	New York.	1883	...	1st Mort. (Memph. & Clarksv. Br.)	2,349,710	6*	Feb. & Aug.	"	1902	100
3d Mortgage.....	237,000	7	June & Dec.	"	1886	...	Consol. M. for \$5,000,000 (392 m.)	7,109,000	7	April & Oct.	"	1898	106
<b>Kookuk and Des Moines:</b>							Louisville Loan.....	849,000	6	"	"	98-97	100
1st Mortgage.....	1,947,000	7	April & Oct.	New York.	1904	92	Louisville Loan (Lebanon Br.)	225,500	6	May & Nov.	"	1896	100
Funded Interest.....	254,300	8	"	"	1884	...	Louis. Loan (Lob. Br. Exten.)	333,000	6	April & Oct.	Louisville.	1893	99
<b>Kookuk and St. Paul (C.B. &amp; Q.):</b>							<b>Louis., N. Al. &amp; St. Lo. Air-Line:</b>						
1st Mortgage traffic guar.....	317,000	8	April & Oct.	Boston.	1879	100	1st Mortgage gold, \$25,000 p. m.	2,875,000	7*	Jan. & July.	New York.	1892	100
<b>La Crosse, Tropicaleau &amp; Prescott:</b>							Macon and Augusta:						
1st Mort. assumed by C. & N. W.	1,000,000	10	April & Oct.	New York.	1878	...	1st Mortgage end by Ga. R. R.	300,000	7	Jan. & July.	New York.	1877	100
<b>Laf. Blooming. &amp; Miss. (T.W. &amp; W.):</b>							1st Mortgage not endorsed.....	100,000	7	"	"	1887	100
1st Mortgage gold guar.....	1,300,000	7*	Feb. & Aug.	New York.	1891	70	Construct. Mort. end by Ga. R.R.	370,000	7	"	"	1879	100
<b>Laf. Muncie &amp; Bloom. (T.W. &amp; W.):</b>							<b>Macon and Brunswick:</b>						
1st Mortgage gold guar.....	1,500,000	7*	Feb. & Aug.	New York.	1901	40	1st Mort. endorsed by Ga.....	1,900,000	7	Jan. & July.	New York.	1887	100
<b>Lake Erie and Louisville:</b>							1st Mort. " " " " " "	600,000	7	May & Nov.	"	1900	100
1st Mortgage.....	1,092,000	7	April & Oct.	New York.	1892	...	2d Mortgage.....	1,100,000	7	April & Oct.	"	1889	100
2d Mortgage.....	590,000	7	Jan. & July.	"	1903	...	Equipment Mortgage.....	160,000	7	"	"	1879	100
<b>Lake Ontario Shore:</b>							<b>Madison and Portage:</b>						
1st Mortgage (\$20,000 pr. m.)...	1,433,200	7*	Jan. & July.	New York.	1897	...	1st Mort. guar. by Chl. and Sup.	600,000	7*	April & Oct.	New York.	1890	100
<b>Lake Shore &amp; Michigan South'n:</b>							<b>Maine Central:</b>						
Sinking Fund Mortgage.....	883,000	7	April & Oct.	New York.	1879	...	Consolidated Mortgage.....	2,795,500	7	April & Oct.	Boston.	1912	89
Consol. Mort. S.F. Regist'd.....	7,925,000	7	J. A. J. & O.	"	1900	117	\$1,100,000 Loan, tax free.....	759,900	6	Jan. & July.	"	1898	91
Consol. Mort. S.F. Coupon.....	9,204,000	7	Jan. & July.	"	1900	113	Extension (gold) Loan.....	498,500	6	April & Oct.	"	1900	100
2d Consol. Mort. for \$25,000,000.	9,204,000	7	June & Dec.	"	1903	116	1st Mort. (Belfast & Moosehead)	159,000	3*	May & Nov.	Belfast & Bos.	1890	100
Bonds of 1892 (Reg. & Coupon)	8,234,000	7	April & Oct.	"	1882	...	\$1,100,000 (A. & Ken.) Loan....	1,100,000	6	Jan. and July.	Boston.	90-91	90
Lake Shore Dividend Bonds.....	1,293,000	7	"	"	1899	113	1st Mortgage (Portland & Ken.)	317,300	6	April & Oct.	Augusta.	1885	93
Reg. Mort. (Clev. Paln. & Ash.)	1,000,000	7	Jan. & July.	"	1890	...	Consol. (Port. & Kennebec) Loan	1,168,700	6	"	Boston.	1894	93
2d Mort. ( " ) " " "	1,000,000	7	April & Oct.	"	1892	...	2d Mort. (Somerset & Kennebec)	200,000	6	June & Dec.	"	1876	100
1st Mort. (Mich. S. & Nor. Ind.)	5,250,000	7	May & Nov.	"	1885	...	1st Mort. (Leeds & Farn'gton)	633,000	6	Jan. & July.	"	1901	100
2d Mort. ( " ) " " "	1,000,000	7	"	"	1877	...	Bath (Androscoquin) Loan.....	425,000	6	"	"	1891	100
1st Mort. (Cleveland & Toledo)	1,595,000	7	Jan. & July.	"	1886	...	<b>Mansfield &amp; Framling. (B.C. &amp; F.):</b>						
2d Mort. ( " ) " " "	819,000	7	April & Oct.	"	1886	...	1st Mortgage, guaranteed.....	300,000	7	Jan. & July.	Boston.	1890	96
Mort. Bonds (Buffalo and Erie)	200,000	7	Jan. & July.	"	1882	...	<b>Marietta and Cincinnati:</b>						
Mort. Bonds ( " ) " " "	300,000	7	March & Sept.	"	1886	...	1st Mortgage, Sterling.....	1,050,000	7*	Feb. & Aug.	London.	1891	86
Mort. Bonds ( " ) " " "	2,844,000	7	April & Oct.	"	1898	...	2d Mortgage Dollar.....	2,450,000	7	"	Baltimore.	1891	86
1st M. (Det'r. Monroe & Toledo)	924,000	7	Feb. & Aug.	"	1908	...	3d Mortgage Dollar.....	2,500,000	7	May & Nov.	"	1896	34
1st M. (Kalam. & White Pigeon)	400,000	7	Jan. & July.	"	1896	...	3d Mortgage Dollar.....	3,000,000	8	Jan. & July.	"	1900	141
1st M. (School. & Three Rivers)	100,000	8	"	"	1887	...	4th Mortgage.....	2,004,000	8	April & Oct.	"	1908	100
1st M. (Kalamaz. & Schoolcraft)	100,000	8	"	"	1887	...	1st Mort. (Scioto & Hock. Val.)	300,000	7	May & Nov.	"	1888	100
1st M. (Kalam. & Schoolcraft)	100,000	8	"	"	1887	...	<b>Marietta, Pittsburg &amp; Cleveland:</b>						
1st M. (Kalam. & Schoolcraft)	100,000	8	"	"	1887	...	1st Mortgage gold.....	1,500,000	7*	Feb. & Aug.	New York.	1895	100
1st M. (Jamestown & Franklin)	422,000	7	"	"	1887	...	<b>Marquette, Houghton &amp; Ontonagon:</b>						
2d M. ( " ) " " "	500,000	7	June & Dec.	"	1894	...	1st Mortgage (Marq. & Ont.)...	1,700,000	8	Jan. & Dec.	New York.	1892	99
<b>Lake Shore &amp; Tuscarawas Valley:</b>							1st Mort. (Houghton & Ont.)...	2,000,000	8	Jan. & July.	"	1892	100
1st Mortgage gold.....	2,000,000	7*	April & Oct.	Cleveland, O.	1901	...	Consolidated Mortgage.....	1,454,000	8-10	Various	"	92-93	100
2d Mortgage, for \$1,000,000.....	698,000	7	"	"	1892	...	<b>Massachusetts Valley (O. &amp; P. R.):</b>						
Elyria and Black Riv. b'ds and	180,000	7	May & Nov.	"	1892	...	1st Mortgage guaranteed.....	400,000	6*	Jan. & July.	Boston.	1889	90
<b>Lake Superior &amp; Mississippi:</b>							Maryland and Delaware:						
1st Mort. sfg fund gold tax free.	4,500,000	7*	Jan. & July.	N.Y.-Bost.-Ph.	1896	20	1st Mortgage.....	850,000	6	May & Nov.	Boston.	1885	100
2d Mort. gold tax free and conv.	8,200,000	7*	April & Oct.	"	1900	...	2d Mortgage.....	150,000	6	June & Dec.	"	1889	100
Income Bonds.....	3,200,000	10	"	"	1902	...	<b>Massillon &amp; Clev. (O.M. V. &amp; D.):</b>						
<b>Lawrence (P. F. W. &amp; Chl.):</b>							1st Mortgage guaranteed, gold..	100,000	7*	Jan. & July.	New York.	1890	100
1st Mortgage, guaranteed.....	335,000	7	Feb. & Aug.	New York.	1896	...	<b>Mayville and Lexington:</b>						
Leavenworth, Atch. & N. West'n:							1st Mortgage.....	500,000	7*	Jan. & July.	New York.	1890	100
1st Mort. guar. by Pac. of Mo. ....	500,000	7	April & Oct.	New York.	1899	...	<b>Memphis and Charleston:</b>						
Leaven. Lawrence & Galveston:							1st Mortgage, Convertible.....	1,293,000	7	March & Sept.	New York.	1890	99
1st Mort. sfg fund conv. gold.....	5,000,000	10	Jan. & July.	N. Y. & Bos.	1899	42	2d Mortgage.....	1,000,000	7	Jan. & July.	"	1885	100
1st Mort. (K. C. & San. Fe) guar.	720,000	10	May & Nov.	Boston.	1890	...	Tennessee State Loan.....	1,514,142	6	"	"	73-78	100
1st Mort. (Southern Kan.) guar.	180,000	8	June & Dec.	"	1891	...	Income Bonds.....	600,000	10	March & Sept.	"	1890	100
<b>Lehigh and Lackawanna:</b>							<b>Memphis and Little Rock:</b>						
1st Mortgage tax free.....	300,000	7	Feb. & Aug.	Philadelphia.	1897	...	1st Mortgage (Land Grant).....	1,300,000	8	May & Nov.	New York.	1890	100
<b>Lehigh Valley:</b>							2d Mortgage.....	1,000,000	8	"	"	1890	100
1st Mortgage (new loan).....	6,000,000	6	June & Dec.	Philadelphia.	1898	112	<b>Michigan Air Line (Mich. Cent.):</b>						
1st Mortgage ( " ) reg.....	6,000,000	6	June & Dec.	"	1898	113	1st Mort. (South Bend Div.) ass'd	300,000	8	May and Nov.	New York.	1890	100
2d Mortgage for \$6,000,000.....	6,000,000	7	March & Sept.	"	1910	118	<b>Michigan Central:</b>						
General Mort. for \$40,000,000.	13,342,000	6*	June & Dec.	"	1922	102	1st Mortgage, convertible.....	355,000	8	April & Oct.	Boston.	1892	100
General Mort., registered.....	13,342,000	6*	"	"	1922	102	1st Mortgage sinking fund conv.	2,170,000	8	"	"	1892	111
<b>Lewisb. Centre &amp; Spruce C. (Pa. Ry.)</b>							Consol. Mortgage for \$10,000,000	8,000,000	7	May & Nov.	New York.	1902	116
1st Mortgage.....													

## AMERICAN RAILROAD BOND LIST.

An Asterisk (\*) affixed to rate of interest signifies "Payable in Coin."

Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.	Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.
			When.	Where.						When.	Where.		
Minneapolis & St. L. (B., C.R. & N.Y.)	\$						N.O., Jack. & Gt. N. (N.O. St. L. & C.)	\$					
1st Mortgage gold, guaranteed..	150,000	7*	Jan. & July.	New York.	1911	88	1st Mortgage.....	3,000,000	8	Jan. & July.	New York.	1886	....
Minnesota and North Western:							2d Mortgage for \$3,000,000.....	1,500,000	8	April & Oct.	"	1890	....
1st Mort. gold, skg fd & tax free	20,000pm	7*	Jan. & July.	Detroit.	1890	....	New Orleans, Mobile and Texas:						
Mississippi Cent. (N.O. St. L. & Chi.)							1st Mort. (Mobile to N. Orleans)	4,000,000	7*	Jan. & July.	N.Y. & Lond.	1915	....
1st Mortgage.....	1,012,500	7	May & Nov.	New York.	74-'84	....	1st Mort. (N. Orleans to Texas)	7,250,000	8	"	New York.	1915	....
2d Mortgage.....	2,000,000	8	Feb. & Aug.	"	1886	....	2d Mort. endorsed by Louisiana.	2,825,000	8	"	"	1915	....
General Mort. for \$8,000,000 gold	3,700,500	7*	May & Nov.	"	1912	....	New York, Boston and Montreal:						
Mississippi, Ouachita & Red Riv.:							1st Mortgage for \$12,250,000.....	6,250,000	7*	Feb. & Aug.	N.Y. or Lond.	1889	....
1st Mortgage gold.....	2,040,000	7*	Jan. & July.	.....	1900	....	New York & Canada (D. & H.C.):						
Mississippi and Tennessee:							1st Mort. for \$800,000, guar.....	4,000,000	6*	May & Nov.	London.	1904	....
1st Mortgage, Series A.....	1,000,000	9	April & Oct.	Memphis.	1902	....	New York Central & Hudson R.						
2d Mortgage, Series B.....	1,100,000	8	Jan. & July.	"	1902	....	Debt Certificates (N. Y. Cent.)	6,632,900	6	May & Nov.	New York.	1883	107 1/2
Mississippi Valley and Western:							Bonds for B. & N. F. stk ( " )	74,500	6	May & Nov.	"	1883	....
1st Mortgage \$20,000 p. m.....	800,000	7	Feb. & Aug.	New York.	1902	....	Bonds for R. R. Stocks ( " )	692,000	6	"	"	1883	104
Missouri, Iowa and Nebraska:							Bonds for Real Estate ( " )	167,000	6	"	"	1883	103
1st Mortgage gold, sinking fund.	2,000,000	7*	June & Dec.	.....	1910	....	Bonds of 1884 renewed ( " )	2,391,300	6	June & Dec.	"	1887	107 1/2
Missouri, Kansas and Texas:							2d Mort. (Hudson River) S. F.	1,794,000	7	"	"	1885	111
1st Mort. (U. Pac. S. Br.) skg fund	2,615,000	6*	Jan. & July.	New York.	1899	....	Bonds of 1871, tax free.....	1,950,000	7	April & Oct.	"	1891	....
1st Mort. (Teb. & Neesho) S. F.	349,000	7*	June & Dec.	"	1903	....	1st Mort. coup. } for \$30,000,000	18,465,000	7	Jan. & July.	"	1903	123 1/2
Consol. Land Grant, skg fd gold	10,418,000	7*	Feb. & Aug.	"	1904	63	1st Mort. reg'd }	9,733,333	6*	"	London.	1903	....
First Additional Consol. Mort.....	2,500,000	7	"	"	1905	....	28 New York and Harlem:						
Second Add. Consol. Mort.....	1,182,000	7	"	"	1906	....	Sinking Fund Mortgage of 1861.	107,704	7	Jan. & July.	New York.	1881	....
Third Additional Consol. Mort.....	600,000	7	"	"	1906	....	Consol. Mort. of 1872, coupon. }	10,600,000	7	May & Nov.	"	1900	123
Missouri River, Ft. Scott & Gulf:							Consol. Mort. of 1872, reg... }		7	"	"	1900	124
1st Mortgage, Land Grant, S. F.	5,000,000	10	Jan. & July.	New York.	1889	83	New York Elevated:						
2d Mortgage.....	2,000,000	10	April & Oct.	N. Y. & Boat.	1890	....	1st Mortgage.....	7,000,000	7	Jan. & July.	New York.	1906	114 1/2
Mobile and Girard.							N. York, Housatonic & Northern:						
1st Mortgage.....	377,500	7	Jan. & July.	Savannah.	1876	....	1st Mortgage.....	1,500,000	7*	April & Oct.	New York.	1902	....
2d Mort. end. by Cent. R.R. of Ga.	300,000	8	"	New York.	1889	....	New York, Kingston & Syracuse:						
Plain bonds.....	33,500	8	"	Savannah.	1887	....	1st Mort. for \$4,000,000.....	2,500,000	7*	Jan. & July.	New York.	1902	....
Mobile and Montgomery:							New York, N. Haven & Hartford:						
1st Mort. endor. by State of Ala.	2,434,000	8*	May & Nov.	New York.	1900	....	1st Mort. (Harlem & Portchester)	2,000,000	7	.....	New York.	1903	....
2d Mortgage.....	800,000	8	"	"	1900	....	New York and New England:						
Mobile and Ohio:							1st mortgage, old.....	.....	7	March & Sept.	Boston.	1884	....
1st Mortgage Sterling.....	5,686,000	6*	May & Nov.	Mob. & Lond.	1883	....	1st mortgage, new.....	400,000	7	Jan. & July.	"	1905	105 1/2
Interest bonds.....	1,524,300	8	"	Mobile.	76-'83	....	New York and Oswego Midland:						
Sterling Interest bonds.....	769,920	6*	"	London.	1883	....	1st Mortgage gold, tax free.....	8,000,000	7*	Jan. & July.	New York.	1894	....
Tennessee Substitution Bonds.....	1,688,000	7*	Jan. & July.	N.Y. & Lond.	1901	....	2d Mortgage convertible.....	2,500,000	7	May & Nov.	"	1896	....
Special Mort. (Gainesville Br.)	63,000	8	May & Nov.	Mobile.	1887	....	2d Mortgage non-convertible.....	1,500,000	7	"	"	1896	....
2d Mortgage.....	1,483,858	8	March.	"	1877	....	3d Mort., Equipment.....	3,800,000	7	.....	"	....	....
Consol. Mort. for \$15,000,000.....	1,483,858	7*	Jan. & July.	N.Y. & Lond.	1904	....	1st Mort. (West. Extension).....	2,425,000	7	.....	"	....	....
Convertible 9 per cent. bonds.....	977,550	8	M. J. S. & D.	New York.	....	....	Consolidated Mortgage.....	1,200,000	7	.....	"	....	....
Montclair (N. Y. and O. Mid.):							New York, Providence & Boston:						
1st Mortgage gold, guar.....	1,800,000	7*	March & Sept.	New York.	....	....	Extension Bonds.....	50,900	6	May & Nov.	New York.	78-'81	....
2d Mortgage.....	780,000	7	"	"	....	....	General Mort. for \$1,000,000.....	1,000,000	7	Jan. & July.	"	1899	118 1/2
Income Mortgage.....	888,400	7	"	"	....	....	Norfolk & Petersburg (A.M. & O.):						
Montgomery and Erie (Erie):							1st Mortgage.....	306,000	8	Jan. & July.	New York.	1877	....
1st Mortgage.....	127,900	7	May & Nov.	New York.	1883	....	2d Mortgage.....	167,000	7	"	"	1877	65
2d Mortgage.....	47,000	7	April & Oct.	"	1887	....	2d Mortgage.....	454,000	8	"	Norfolk.	1893	93 1/2
Montgomery and Eufaula:							North Carolina:						
1st Mortgage end. by Ala. gold.	1,040,000	8*	March & Sept.	New York.	1886	....	1st Mortgage.....	210,000	8	May & Nov.	Co's Shops, NC.	1888	....
2d Mortgage not endorsed.....	380,000	8	June and Dec.	"	1900	....	North Eastern (S. Car.):						
Monticello and Port Jervis:							1st Mortgage.....	820,000	8	March & Sept.	Charleston.	1899	....
1st Mortgage gold, tax free.....	500,000	7*	J. A. J. & O.	New York.	1890	....	2d Mortgage.....	282,500	8	"	"	1899	....
Morris and Essex (D. L. & W.):							North Missouri (St. L., K. C. & N.):						
1st Mortgage sinking fund, guar.	5,000,000	7	May & Nov.	New York.	1914	122	1st Mortgage.....	3,000,000	7	Jan. & July.	New York.	1896	112 1/2
2d Mortgage guar.....	2,000,000	7	Feb. & Aug.	"	1891	111	North Pennsylvania:						
Convertible bonds.....	384,000	7	Jan. & July.	"	1900	82	1st Mortgage.....	1,930,500	6	Jan. & July.	Philadelphia.	1885	108 1/2
Construction bonds.....	873,000	7	Feb. and Aug.	"	1889	86	2d Mortgage.....	1,500,000	7	May & Nov.	"	1896	111
Gen'l M. (1st on Boonton Br.) gr.	4,991,000	7	April & Oct.	"	1901	106	General Mortgage.....	2,035,000	7	Jan. & July.	"	1903	114
Special Mortgage.....	1,025,000	7	"	"	1915	95	North Shore (Flush., N.S. & Cent.):						
Consol. mort. for \$25,000,000 guar.	3,239,000	7	June & Dec.	"	1915	95	1st Mortgage.....	135,000	7	Feb. & Aug.	New York.	1887	....
Nashville, Chattanooga & St. Louis:							Northern Central:						
1st Mort. endorsed by Tenn.....	1,100,000	6	Jan. & July.	New York.	74-'78	....	1st Mortgage, Md. State loan.....	1,500,000	6	J. A. J. & O.	Annapolis.	Irred.	....
2d Mort. (Hela by U. S. Gov.).....	1,000,000	4	"	"	81-'91	....	2d Mortgage S. F. Coupon.....	1,490,000	6	Jan. & July.	Baltimore.	1886	107
New Mortgage.....	4,700,000	7	"	"	1913	98 1/2	3d Mortgage Coupon.....	1,126,000	6	April & Oct.	Phila. & Balt.	1900	104 1/2
Nashville and Decatur (L. & Nash.):							Mortgage coupon.....	2,599,000	6*	Jan. & July.	Baltimore.	1900	101
1st Mortgage sinking fund, guar.	1,000,000	7	Jan. & July.	New York.	1900	105	Mortgage registered.....	206,000	6*	April & Oct.	"	1900	....
2d Mortgage gold.....	206,000	6*	April & Oct.	Nashville.	1887	....	Consol. Gen. Mort. S. F. Coup.....	2,388,000	6*	Jan. & July.	Lond. & Balt.	1904	....
Nashua and Lowell:							Consol. General Mort. Coupon.....	1,638,000	6*	"	"	1894	....
Bonds for freight depot.....	200,000	6*	Feb. & Aug.	Boston.	1892	103 1/2	Second General Mort. coupon.....	3,000,000	6	"	Baltimore.	1920	60
Newark & New York (O. of N.J.):							Second General Mort. coupon.....	1,000,000	6	"	"	1920	....
1st Mortgage guar.....	600,000	7	Jan. & July.	New York.	1891	....	Northern New Jersey (Erie):						
Newark, Somerset & Stratsville:							1st Mortgage skg fd guar.....	400,000	7	Jan. & July.	Jersey O.	1878	....
1st Mortgage gold.....	600,000	7*	May & Nov.	New York.	1889	98	Northern Pacific:						
New Bedford:							1st Mort. on R.R. & lands gold..	4,000,000	7.5*	Jan. & July.	New York.	1900	40 1/2
1st Mort. (New Bed. & Taunton)	171,500	6	Jan. & July.	Boston.	1891	98 1/2	3d Mort., assumed by B. and O	140,000	6	Jan. & July.	Baltimore.	1885	105
New Issue for \$300,000.....	400,000	7	"	"	1894	105	Northwestern Union (C. & N.W.):						
New Haven and Derby:							1st Mortgage.....	3,500,000	6	March & Sept.	New York.	1917	....
1st Mortgage.....	625,000	7	Various.	New Haven.	98-'00	....	Norwich & Worcester (B.H. & E.):						
New H., Middletn & Willman:							1st Mort. Mass. Loan, skg. fd...	400,000	6	Jan. & July.	Boston.	1877	....
1st Mortgage (coup. & reg.).....	3,000,000	7	May & Nov.	New York.	1889	....	Construction Bonds.....	400,000	6	March & Sept.	"	1897	....
2d Mortgage.....	2,000,000	7	"	"	1891	....	Nyack and Northern:						
New Haven and Northampton:							1st Mortgage.....	160,000	7	Jan. & July.	New York.	1890	....
1st Mortgage.....	1,000,000	7	Jan. & July.	N. Y. & N. H.	1899	....	Ogdensburg and Lake Champlain:						
Convertible bonds, tax free.....	754,000	6	April & Oct.	"	80-'82	....	Equipment Mortgage.....	300,000	8	Jan. & July.	Boston.	1878	94 1/2
Holyoke and Westfield bonds.....	200,000	7	"	"	1891	....	Equipment Mortgage.....	200,000	8	"	"	1879	94
New Jersey Midland (N.Y. & O.M.):							Sinking Fund Bonds.....	394,000	8	March & Sept.	"	1890	96
1st Mortgage gold, guar.....	3,000,000	7*	Feb. & Aug.	New York.	1895	....	Ohio and Mississippi:						
2d Mortgage.....	1,000,000	7	"	"	1881	....	Consolidated Mort. Bonds.....	3,067,000	7	Jan. & July.	New York.	1898	110
New Jersey and New York:							Consolidated S. F. Mortgage.....	3,478,000	7	"	"	1898	110 1/2
1st Mortgage.....	600,000	7*	March & Sept.	N.Y. & Lond.	1893	....	Consolidated Mort., Sterling.....	112,000	7*	"	London.	1898	....
New Jersey Southern:							2d Consol. Mort. & S. F. Bonds.	3,864,000	7	April & Oct.	New York.	1911	94 1/2
1st Mortgage.....	2,000,000	7	May & Nov.	New York.	1899	38	Income and Funded Debt Bonds	174,000	7	"	New York.	1882	....
1st Mort. (Tom's River Branch)	120,000	6	April & Oct.	"	1888	....	Debenture Sinking Fund Bonds	140,000	7	May & Nov.	New York.	1885	....
2d Mortgage.....	1,000,000	7	March & Sept.	"	1881	....	1st Mort. (Springfield Division)	1,915,000	7	May & Nov.	"	1908	....
Consol. Mort. for \$7,000,000.....	5,303,000	7	April & Oct.	"	1908	....	Old Colony:						
Income Mortgage.....	710,000	7	"	"	1891	....	Plain Bonds.....	1,000,000	6	March & Sept.	Boston.	1898	107
New Jersey West Line							Plain Bonds.....	32,000	6	"	"	1884	99
1st Mort. acid for \$5,000,000.....	1,300,000	7*	May & Nov.	New York.	1900	....	Plain Bonds.....	1,460,000	6	Feb. & Aug.	"	1897	107
New London North (O. & V.):							New Bonds for \$3,000,000.....	1,692,000	7	March & Sept.	"	1894	115



## AMERICAN RAILROAD BOND LIST.

An Asterisk (\*) affixed to rate of interest signifies "Payable in Coin."

Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.	Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.
			When.	Where.						When.	Where.		
Oil Creek (Pittsb., T. & Buffalo):	\$						Philadelphia, Wilmington & Balt.:	\$					
1st Mortgage.....	550,000	7	April & Oct.	Philadelphia.	1898	81 1/2	Mortgage Loan, convertible.....	262,000	6	Jan. & July.	Phila. & Balt.	1884	103 1/2
Omaha and Northwestern:							Loan of 1887.....	1,000,000	6	April & Oct.	" "	1887	103
1st Mort. Land Grant, Gold.....	16,000 pm	7 3/4	Jan. & July.	New York.	1901	....	Loan of 1872.....	700,000	6	" "	" "	1892	106 1/2
Omaha and Republican Valley:							Loan of 1875.....	800,000	6	" "	" "	1900	107 1/2
1st Mortgage.....							Plecker Valley (Phila. & Rdg.):						
Omaha and Southwestern:							1st Mortgage, guaranteed.....	331,800	7	April & Oct.	Philadelphia.	1900	85
1st Mortgage \$20,000 p. m.....	1,034,000	8	June & Dec.	Boston.	1896	113 1/2	Pittsburg, Cin. & St. Louis (Pa.):						
Oregon and California:							1st Mort. (Col. & Newark Div.).....	775,000	7	Jan. & July.	Philadelphia.	1890	....
1st Mortgage gold.....	10,950,000	7 1/2	April & Oct.	New York.	....	....	1st Mort. (Steub. & Ind.) conv.....	3,000,000	6	Monthly.	New York.	1884	....
Osage Valley & Southern Kansas:							Consol. Mortgage for \$10,000,000.....	6,222,000	7	Feb. & Aug.	Philadelphia.	1890	104
1st Mortgage (\$20 years).....	200,000	10	Jan. & July.	New York.	1884	....	Consolidated 2d Mortgage.....	2,500,000	7	April & Oct.	" "	1913	....
Oshkosh & Miss. (O., M. & S. P.):							Pittsburg, Ft. Wayne & Chicago:						
1st Mortgage.....	240,000	8	Jan. & July.	New York.	1891	....	1st Mortgage (Series A).....	875,000	7	Jan. & July.	New York.	1912	124 1/2
Oswego and Rome (R. W. & O.):							1st Mortgage (Series B).....	875,000	7	Feb. & Aug.	" "	1912	....
1st Mortgage.....	500,000	7	May & Nov.	New York.	1916	....	1st Mortgage (Series C).....	875,000	7	March & Sept.	" "	1912	....
Income Mortgage.....	112,100	6	Feb. & Aug.	" "	1891	....	1st Mortgage (Series D).....	875,000	7	April & Oct.	" "	1912	....
Oswego and Syracuse (D. L. & W.):							1st Mortgage (Series E).....	875,000	7	May & Nov.	" "	1912	....
1st Mortgage, guaranteed.....	201,000	7	May & Nov.	New York.	1885	....	1st Mortgage (Series F).....	875,000	7	June & Dec.	" "	1912	....
Ottawa, Oswego & Fox River:							2d Mortgage (Series G).....	880,000	7	Jan. & July.	" "	1912	122
1st Mortgage guar. by C. R. & Q.	1,079,000	8	Jan. & July.	N. Y. & Bost.	1900	112 1/2	2d Mortgage (Series H).....	880,000	7	Feb. & Aug.	" "	1912	....
Owensboro and Russellville:							2d Mortgage (Series I).....	880,000	7	March & Sept.	" "	1912	....
1st Mortgage for \$1,500,000.....	1,500,000	8	Feb. & Aug.	New York.	1892	....	2d Mortgage (Series J).....	880,000	7	April & Oct.	" "	1912	....
Pacific of Missouri:							2d Mortgage (Series K).....	880,000	7	May & Nov.	" "	1912	....
1st Mortgage gold.....	7,000,000	6 1/2	Feb. & Aug.	New York.	1889	105 1/2	2d Mortgage (Series L).....	880,000	7	June & Dec.	" "	1912	....
2d Mortgage sinking fund.....	2,550,000	7	Jan. & July.	" "	1891	110	2d Mortgage (Series M).....	880,000	7	Jan. & July.	" "	1912	116
3d Mortgage.....	4,000,000	7	May & Nov.	" "	....	....	2d Mortgage (Series N).....	2,000,000	7	April & Oct.	" "	1912	....
St. Louis County Debt.....	700,800	7	Monthly.	St. Louis.	1885	....	Constructive bonds of Jan. 1, '70	100,000	7	Jan. & July.	New York.	1887	....
Real Estate Bonds.....	800,000	8	May & Nov.	New York.	1892	....	Equipment bonds.....	1,000,000	8	March & Sept.	" "	1884	....
1st Mort. (Oronodel Branch):	500,000	6 1/2	April & Oct.	" "	1893	70	Pittsburg, Va. and Charleston:						
Paducah and Memphis:							1st Mortgage.....	700,000	7	April & Oct.	New York.	1902	....
1st Mortgage gold for \$2,805,000.	1,541,000	7 1/2	Feb. & Aug.	New York.	1902	....	Pittsburg, Wash. & Baltimore:						
Panama:							1st Mort. (Pittsb. & Conn'sville).....	4,000,000	7	Jan. & July.	Baltimore.	1896	106 1/2
General Mortgage, stg \$797,800.	3,377,308	7 1/2	April & Oct.	London.	1897	....	2d Mort. do. (Balt. Loan).....	5,000,000	6	May & Nov.	" "	1902	....
Paris and Decatur:							1st Mort. (Turtle Cr. Div. 104 m)	400,000	6	Feb. & Aug.	Pittsburg.	1889	....
1st Mortgage gold, S. F.....	1,300,000	7 1/2	Jan. & July.	N. Y. & Lond.	1892	....	Real Estate Mortgage.....	100,000	6	.....	Baltimore.	1883	....
Paterson and Newark (Erie):							Plymouth, Kankakee & Pacific:						
1st Mortgage guaranteed.....	500,000	7	Jan. & July.	New York.	1878	....	1st Mortgage for \$3,000,000.....	20,000 pm	7 1/2	Jan. & July.	New York.	1901	....
Pekin, Line & Decatur (T.W. & W.):							1st Mortgage gold, for \$1,800,000	1,800,000	7 1/2	May & Nov.	New York.	1899	....
1st Mortgage, guaranteed.....	1,078,000	7	Feb. & Aug.	New York.	1900	80	Portland & Ogden (Me. & N. H.):						
Pemberton & Hight (U. of N.J.):							1st Mort. (Maine Section) gold.....	800,000	6 1/2	Jan. & July.	Boston.	1900	....
1st Mortgage guaranteed.....	160,000	7	Jan. & July.	Philadelphia.	1889	105	Consol. Mort. gold, for \$3,300,000	249,000	6 1/2	May & Nov.	" "	1901	15
Peninsular (Mich.) Railway:							Portland and Ogdenburg (Vt.):						
1st Mortgage gold (S. F.) 1st series	1,800,000	7 1/2	May & Nov.	N. Y. or Lond.	1899	....	1st Mortgage gold, for \$2,300,000	1,300,000	6 1/2	May & Nov.	N. Y. & Bost.	1891	46
1st Mortgage gold (S. F.) 2d series	2,000,000	7 1/2	" "	" "	1900	....	Portland and Oxford Central:						
2d Mortgage.....	540,000	7	Feb. and Aug.	New York.	1881	....	1st Mortgage of 1883.....	250,000	6	Jan. & July.	Portland.	1883	....
Pennsylvania:							Portland and Rochester:						
1st Mort. (Harrisburg to Pittsb'g)	4,970,000	6	Jan. & July.	Philadelphia.	1880	165	1st Mort. (Portland Loan) stg fd	700,000	6	Jan. & July.	Boston.	1887	....
General Mortgage.....	19,999,780	6	J. A. J. & O.	Philadelphia.	1910	112	1st Mortgage (equal lien).....	100,000	7	April & Oct.	" "	1887	....
General Mortgage, registered.....							2d Mort. (Portland Loan).....	396,500	6	Mar. & Sept.	" "	1891	....
Consolidated Mortgage.....	29,145,000	6 1/2	Jan. & July.	London.	1906	105 1/2	Port Royal (S. C.):						
State lien for \$7,500,000, stg fd	4,237,523	6	April & Oct.	Philadelphia.	1877-90	....	1st Mortgage gold, stg fd.....	2,000,000	7 1/2	May & Nov.	N. Y. & Lond.	1889	....
Pennsylvania Coal:							1st Mort. gold, guar. by Ga. R. R.	500,000	7 1/2	" "	" "	1889	....
1st Mortgage.....	487,500	7	Feb. and Aug.	New York.	1881	....	Portsmouth, St. Falls & Conway:						
Pennsylvania and Delaware:							1st Mort. guar. by Eastern R. R.	514,000	7	June and Dec.	Boston.	1896	75 1/2
1st Mortgage.....	1,083,000	7	Feb. & Aug.	Philadelphia.	1903	....	Poughkeepsie and Eastern:						
2d Mortgage.....	519,000	7	April & Oct.	" "	1903	....	1st Mort. gold, conv. & tax free.....	644,500	7 1/2	Jan. & July.	New York.	1910	....
Pennsylvania & New York (L.V.):							2d Mortgage.....	78,000	7	" "	" "	....	....
1st Mortgage guaranteed.....	1,500,000	7	June & Dec.	Philadelphia.	1896	118 1/2	Providence and Worcester:						
1st Mortgage.....	1,500,000	7	" "	" "	1906	....	1st Mortgage.....	500,000	6	Jan. & July.	Providence.	1880	102 1/2
Peoria & Bureau Val (O. R. L. & P.):							Stoughton Branch bonds.....	1,000,000	6	" "	" "	....	....
1st Mortgage guaranteed.....	800,000	8	Jan. & July.	New York.	1877	....	Quincy, Alton and St. Louis:						
Peoria & Hannibal (O. B. & Q.):							1st Mortgage gold.....	1,000,000	7 1/2	May & Nov.	Philadelphia.	1892	....
1st Mortgage, traffic guarantee.....	277,000	8	Jan. & July.	Boston.	1878	100 1/2	Quincy and Palmyra:						
Peoria, Pekin and Jacksonville:							1st Mort. assumed by H. & St. Jo.	800,000	8	Feb. & Aug.	New York.	1892	....
1st Mortgage.....	1,000,000	7	Jan. & July.	New York.	1894	....	Quincy and Toledo (T. W. & W.):						
2d Mort. conv. & tax free.....	1,000,000	7	April & Oct.	" "	1900	....	1st Mortgage, guaranteed.....	500,000	7	May & Nov.	New York.	1890	94
Peoria and Rock Island:							Quincy & Warsaw (O. B. & Q.):						
1st Mort. gold, conv. & tax free.....	1,500,000	7 1/2	Feb. & Aug.	N. Y. & Lond.	1900	....	1st Mortgage, guaranteed.....	725,000	8	Jan. & July.	Boston.	1890	113 1/2
2d Mortgage.....	150,000	10	Jan. & July.	New York.	1900	....	Reading and Columbia (P. & R.):						
Perkiomen (Phila. and Rdg.):							1st Mort. Coupon, guaranteed.....	650,000	7	March & Sept.	New York.	1892	95
1st Mortgage, guaranteed.....	619,000	6	April & Oct.	Philadelphia.	1897	76	2d Mort. Coupon, guaranteed.....	350,000	7	June & Dec.	Columbia.	1894	....
Petersburg:							Benselmer and Saratoga:						
1st Mortgage (instalments).....	241,500	8	Jan. & July.	New York.	1902	84 1/2	2d Mortgage.....	300,000	7	Jan. & July.	Troy.	1880	....
2d Mortgage.....	500,000	8	" "	" "	1902	....	3d Mortgage.....	150,000	7	" "	" "	1887	....
Philadelphia and Atl. City:							1st Mort. (Saratoga & Whitehall)	400,000	7	March & Sept.	New York.	1886	....
Mortgage for \$500,000.....	350,000	7	Jan. & July.	Philadelphia.	1907	....	1st Mort. (Troy, Salem & Rutl.)	600,000	7	May and Nov.	" "	1890	....
Philadelphia and Baltimore Cent:							1st Mortgage (Glenn's Falls).....	125,000	7	Jan. & July.	" "	1894	....
1st Mortgage (Penn. Div. 3d m.)	500,000	7	Jan. & July.	Philadelphia.	1879	....	Consol. Mort. for \$2,000,000.....	1,789,500	7	May and Nov.	" "	1921	150
1st Mortgage (Md. Div. 91 m.)	300,000	6	" "	" "	1891	....	New Gen'l Mort. for \$5,000,000.	1,092,000	6 1/2	" "	" "	....	....
2d Mortgage (Pa. & Md. 46 m.)	400,000	7	" "	" "	1900	....	Richmond and Danville:						
Philadelphia and Erie (Penn.):							Virginia State Loan, stg fund.....	600,000	6	Jan. & July.	Richmond.	1880	....
1st Mort. (Sunbury & Erie 40m)	1,000,000	7	Apr. and Oct.	Philadelphia.	1897	110	1st Mortgage (equal lien).....	157,800	6	" "	" "	1876	....
1st Mortgage.....	5,000,000	6	" "	" "	1881	104 1/2	1st Mort. (Piedmont Branch).....	500,000	8	.....	" "	1888	....
2d Mortgage.....	3,000,000	7	Jan. & July.	" "	1888	103 1/2	1st Mort. (Northwestern, N. C.)	500,000	6 1/2	April & Oct.	N. Y. or Rich.	1889	....
General Mort. for \$20,000,													

## AMERICAN RAILROAD BOND LIST.

An Asterisk (\*) affixed to rate of interest signifies "Payable in Coin."

Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.	Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.
			When.	Where.						When.	Where.		
Saginaw Valley and St. Louis:							South Carolina:						
1st Mortgage.....	346,000	8	May & Nov.	Saginaw.	1892	....	1st Mortgage Sterling.....	1,482,867	5*	Jan. & July.	London.	'82-'88	....
Saint Croix and Penobscot:							1st Mortgage (L.) currency.....	1,061,500	7	" "	New York.	'78-'88	....
1st Mort. (Cal. & Baring).....	96,200	6	Jan. & July.	Calais, Me.	1879	....	2d Mort. for \$3,000,000.....	1,206,500	7	April & Oct.	"	1902	....
2d Mort. ( " ).....	17,500	6	" "	"	1879	....	Domestic (I) Bonds.....	1,054,500	7	April & Oct.	Charleston.	1891	....
Calais Loan (Lewey's Island).....	115,000	6	June & Dec.	"	1878	....	Domestic (K) Bonds.....	63,500	6	Jan. & July.	"	'80-'92	....
St. Joseph & Denver City:							South Georgia and Florida:						
1st Mort. (E. D.) gold tax free.....	1,500,000	5*	Feb. & Aug.	N. Y. & Lond.	1899	....	1st Mort. assumed by Atl. & Gulf	464,000	7	May & Nov.	New York.	1888	....
1st M. (W.D.) land grant, g'd tax fr	5,500,000	8*	" "	"	1900	....	2d Mort. " " " "	200,000	7	" "	"	1889	....
Joseph and St. Louis:							South Mountain Iron (Cumb. Val.):						
1st Mortgage.....	1,000,000	6	May & Nov.	New York.	1893	....	1st Mortgage guarant'ed.....	200,000	6	June & Dec.	Philadelphia.	1888	....
St. Louis, Alton and Terre Haute:							2d Mortgage for \$200,000.....	177,500	7	March & Sept.	"	1884	....
1st Mortgage skg f'd. (Series A).....	1,100,000	7	Jan. & July.	New York.	1894	....	South and North Alabama.						
1st Mortgage skg f'd. (Series B).....	1,100,000	7	April & Oct.	"	1894	112	1st Mort. endor. by Ala. gold.....	391,000	8*	Jan. & July.	New York.	1890	....
2d Mortgage preferred (Series C).....	1,400,000	7	Feb. & Aug.	"	1894	82	Sterling Mort. guar. by L. & N.	£1,038,000	6*	May & Nov.	London.	....	....
2d Mortgage preferred (Series D).....	1,400,000	7	May & Nov.	"	1894	....	South Pacific (St. Louis & San F.):						
2d Mortgage Income (Series E).....	1,700,000	7	" "	"	1884	44	1st Mortgage gold, assumed.....	7,194,500	6*	Jan. & July.	New York.	1888	97
Equipment Mortgage.....	300,000	10	March & Sept.	"	1894	....	South Shore (Mass.):						
St. Louis, Iron Mt. and Southern:							1st Mortgage, sinking fund.....	150,000	6	April & Oct.	Boston.	'80-'81	102
1st Mort. (St. Louis & Iron Mt.).....	4,000,000	7	Feb. & Aug.	New York.	1892	111	South Side, Va. (A., M. and O.):						
2d Mort. ( " ).....	6,000,000	7*	May & Nov.	"	1897	86	1st preferred d. bonds.....	675,000	8	Jan. & July.	New York.	'84-'90	105
1st Mort. L.G. (Arkansas Brh).....	2,500,000	7*	June & Dec.	"	1897	....	2d preferred bonds.....	621,000	6	" "	"	'84-'90	76
1st Mort. (Cairo, Ark. & Tex.).....	1,500,000	7*	" "	"	1897	....	3d preferred bonds.....	452,800	6	" "	"	'84-'90	65
Consolidated Mortgage.....	1,500,000	7	" "	"	1899	....	Southern Central (N.Y.):						
St. Louis, Jacksonville & Chicago:							1st Mortgage, skg fund conv.....	1,500,000	7	Feb. & Aug.	New York.	1890	....
1st Mortgage.....	2,920,000	7	April & Oct.	New York.	1894	....	2d Mortgage.....	600,000	7*	March & Sept.	"	1882	108
2d Mortgage.....	548,000	7	Jan. & July.	"	1893	....	Southern Iowa and Cedar Rapids:						
St. Louis, Kansas City & North:							1st Mortgage gold.....	1,500,000	7*	May & Nov.	New York.	1900	....
1st Mortgage (North. Missouli).....	6,000,000	7	Jan. & July.	New York.	1896	101	Southern of L. L.						
Real estate & 2d M. for \$3,000,000	993,000	7	March & Sept.	"	1895	102	1st Mortgage (South Side R. R.).....	750,000	7	March & Sept.	New York.	1887	80
St. Louis, Lawrence and Denver:							2d Mort., Slink. Fund.....	1,500,000	7	May & Nov.	"	1900	17
1st Mort. guar. by Atl. and Pac.	1,920,000	6*	Jan. & July.	New York.	1901	....	Southern Minnesota:						
St. Louis and South Eastern:							1st Mortgage land grant tax free	3,340,000	8	Apr. & Oct.	New York.	'78-'88	....
1st Mort. gold skg fund conv.....	2,307,000	7	May & Nov.	New York.	1894	....	2d Mortgage, land grant.....	1,252,000	7	Jan. & July.	"	1890	....
1st M. (Evans, D.) gold skg f'd. conv.	1,000,000	7	" "	"	1896	....	Southern (Cal.) Pacific:						
1st Mort. (Evans, Hen. & Nash.).....	1,000,000	7	Jan. & July.	"	1897	....	1st Mortgage gold for \$28,000,000.	11,000,000	6*	April & Oct.	New York.	....	95
Consol. Mort. Skg. Fund.....	2,900,000	7	Feb. & Aug.	"	1902	....	Southern Pennsylvania:						
St. Louis, Van & T. H. (T.H. & L.):							1st Mortgage gold.....	625,000	7*	March & Sept.	Philadelphia.	1900	....
1st Mortgage, guaranteed.....	1,899,000	7	Jan. & July.	New York.	1897	....	2d Mortgage gold.....	88,000	7*	" "	"	1890	....
2d Mortgage, (A.) guaranteed.....	1,500,000	7	May & Nov.	"	1898	....	South Western (Gen. of Ga.):						
2d Mortgage (B.) convertible.....	1,000,000	7	" "	"	1899	....	Plain Bonds, various conv.....	391,000	7	various.	Macon.	'72-'86	....
St. Louis and San Francisco:							1st Mortgage (Muscoogee) conv.....	300,000	7	" "	"	'72-'76	....
2d Mortgage A for \$500,000.....	319,840	6*	May & Nov.	New York.	1906	77	Spartanburg and Union:						
2d Mort. B. & C for \$5,200,000.....	4,959,142	2*	" "	"	1906	47	1st Mortgage, end. by S. Car ...	350,000	7	Jan. & July.	Charleston.	1879	....
St. Paul and Pacific 1st Division:							1st Mortgage not endorsed.....	198,370	7	" "	"	1879	....
1st Mort. (St. Pto St. Anth.) 10m.	120,000	8	March & Sept.	New York.	1892	....	Springfield, Athol & Northeastern:						
1st M. (St. Paul to Watash) 50m.	266,000	7	Jan. & July.	"	1892	....	1st Mortgage.....	416,000	7	Jan. & July.	Boston.	'83-'91	....
2d Mort. ( do. ) & 1st land gr.	1,146,750	7	June & Dec.	"	1892	....	Springfield & Illinois S. Eastern:						
1st M. (Main L.) R.R. & Lands.	3,000,000	7*	May & Nov.	London.	....	....	1st Mortgage gold, tax free.....	3,400,000	7*	Feb. & Aug.	New York.	1899	....
2d M. ( do. ) R. R. & Lands.	8,500,000	7*	" "	"	....	....	2d Mortgage gold, tax free.....	446,000	7*	April & Oct.	"	1900	....
General Mortgage for \$15,000,000	....	7*	" "	"	....	....	Springfield and Northwestern:						
St. Paul, Stillwater & Taylor's F.:							1st Mortgage gold, skg fund.....	500,000	7*	Feb. & Aug.	New York.	1901	....
1st Mortgage.....	450,000	8	Jan. & July.	New York.	1901	....	Staten Island:						
Salem (West Jersey):							1st Mortgage.....	200,000	7	Jan. & July.	New York.	1886	55
1st Mortgage guar.....	100,000	6	Jan. & July.	Philadelphia.	1878	....	Stanstead, Shefford and Chamblay:						
Salem and Lowell (B. & L.):							1st Mort., Guar. by Cent. Verm.	500,000	7	Jan. & July.	Boston.	1887	35
1st Mortgage.....	226,900	6	Feb. & Aug.	Boston.	1878	80	Sullivan (Central Verm.):						
Sand., Mansfield & Newark (B. & O.):							2d Mortgage.....	250,000	6	Feb. & Aug.	Boston.	1891	....
1st Mortgage guaranteed.....	2,301,000	7	Jan. & July.	New York.	1900	91	Sullivan and Erie:						
Saratoga & Whitehall (R. & S.):							1st Mortgage, skg fund.....	1,000,000	7	May & Nov.	New York.	1886	....
1st Mortgage, guaranteed.....	400,000	7	March & Sept.	New York.	1886	....	Summit Branch:						
Savannah, Albany & Gulf (A. & G.):							1st Mortgage.....	800,000	7	Jan. & July.	N.Y., Bost. Ph.	1904	95
Sectional Mort.....	310,000	7	Jan. & July.	New York.	Var.	....	Sunbury and Lewiston:						
Savannah and Charleston:							1st Mortgage gold.....	1,200,000	7*	April & Oct.	Philadelphia.	1890	....
1st Mortgage (Sav. & Char.).....	500,000	7	Jan. & July.	New York.	1889	....	Income Mort. gold.....	200,000	6*	" "	"	1891	....
State guaranteed (C. & S.) bonds.	505,000	6	March & Sept.	Charleston.	1877	....	Suspens. Bridge & Erie Junc. (K.):						
Funded Interest bonds, guar.....	111,800	7	" "	New York.	1889	....	1st Mortgage.....	1,000,000	7	" "	New York.	....	....
Savannah, Griffin & North Ala.:							Syracuse, Bing. & N.Y. (D.L. & W.):						
1st Mortgage for \$500,000 guar.....	152,000	7	Jan. & July.	Macon.	1891	....	1st Consol. Mortgage ..	1,750,000	7	April & Oct.	New York.	1906	....
Savannah and Memphis:							2d Mortgage (now 1st)	270,000	7	June & Dec.	"	1887	103
1st Mort., gold, endor. by State.	16,000pm	8*	May and Nov.	New York.	1890	....	Syracuse and Chenango Valley:						
Schenectady & Susq. (D. & H. Can.):							1st Mort. gold, for \$500,000.....	500,000	7*	Feb. and Aug.	New York.	1891	....
1st Mortgage gold, tax free.....	400,000	7*	Jan. & July.	New York.	1900	....	Tebo and Neesho (M. K. & T.):						
Schoolcraft & Three R. (L.S. & M.):							1st Mortgage gold, skg fund.....	1,163,000	7*	June & Dec.	New York.	1903	....
1st Mortgage.....	100,000	8	Jan. & July.	New York.	1887	....	Terre Haute & Indianapolis:						
Seaboard and Roanoke:							1st Mortgage.....	800,000	7	April & Oct.	New York.	1879	....
1st Mortgage.....	210,000	7	Jan. & July.	New York.	1880	....	Bonds of 1873 for \$1,500,000.....	516,000	7	" "	"	1894	....
Belma and Gulf:							Texas and Pacific:						
1st Mort. (guar. by Ala.).....	1,888,000	8	April & Oct.	New York.	1890	....	1st Mortgage, 8,000 per mile.....	3,552,000	6*	Mar. & Sept.	N.Y., Ph. Lon.	1905	98
Belma, Marion and Memphis:							Consolidated Mortgage.....	7,548,000	6*	June & Dec.	"	1906	77
1st Mort. guar. by Ala.....	16,000pm	8	March & Sept.	New York.	1889	....	Income and Land Grant.....	7,706,225	7	July.	N. Y. & Phil.	1915	30
Belma, Rome and Dalton:							Toledo, Can. Southern & Detroit:						
1st Mortgage, tax free.....	3,000,000	7	April & Oct.	New York.	1887	....	1st Mortgage.....	1,500,000	7*	Jan. and July.	....	1906	60
2d Mortgage.....	4,000,000	7	Jan. & July.	"	1891	....	Toledo, Peoria and Warsaw:						
Equipment Mortgage.....	230,000	10	" "	"	1881	....	1st Mortgage (Eastern Div.).....	1,600,000	7	June & Dec.	New York.	1894	100
Shamokin Valley & Pottsv. (N.O.):							1st Mortgage (Western Div.).....	1,800,000	7	Feb. and Aug.	"	1896	100
1st Mortgage, on road and lands.	2,000,000	7*	Jan. & July.	Philadelphia.	1901	103	2d Mort. conv.....	1,300,000	7	April & Oct.	"	1888	



## AMERICAN RAILROAD BOND LIST.

The Letter (a) affixed to Rate of Interest Signifies "Payable in Gold."

Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.	Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.
			When.	Where.						When.	Where.		
Troy & Bennington (T. & B.):							Western Maryland:						
1st Mortgage akg fund, guar....	\$9,700	7	Jan. & July.	Troy.	1878	....	1st Mortgage, unendorsed.....	400,000	6	Jan. and July.	Baltimore.	1890	108 1/2
Troy and Boston:							1st Mort. endor. by Balt.....	200,000	6	"	"	1890	108
1st Mortgage.....	300,000	7	Jan. & July.	New York.	1887	....	2d Mort. ".....	300,000	6	"	"	1890	108
2d Mortgage.....	300,000	7	April & Oct.	"	1885	....	2d Mort. endor. by Wash. Co....	300,000	6	"	"	1890	107 1/2
3d Mortgage.....	650,000	7	May and Nov.	"	1878	....	2d Mortgage preferred.....	600,000	6	"	"	1890	90
Convertible Bonds.....	648,000	7	"	"	1882	....	3d Mortgage endor. by Balt.....	875,000	6	"	"	1900	112 1/2
Troy, Salem & Rutland (R. & Sar.):							4th Mortgage.....	1,000,000	6	"	"	1900	....
1st Mortgage, guaranteed.....	500,000	7	May and Nov.	New York.	1890	....	Western Pacific (Gen. Pac.):						
Troy Union (and Depot):							1st Mort., assumed.....	2,735,000	60	Jan. and July.	New York.	1899	106 1/2
1st Mortgage, guaranteed.....	680,000	6	Jan. & July.	New York.	1878	....	Western Pennsylvania (Penn.):						
Tuckerton:							1st Mortgage.....	800,000	6	Apr. and Oct.	Philadelphia.	1898	100
1st Mortgage.....	408,000	7	April & Oct.	Philadelphia.	1901	....	1st Mortgage (Pittsb. Branch):	1,000,000	6	Jan. and July.	"	1896	93
Union Pacific:							General Mortgage.....	1,200,000	7	"	"	....	....
1st Mortgage gold, tax free.....	27,231,000	60	Jan. & July.	N. Y. & Bos.	'96-'99	110 1/2	Western Union (Chl., M. & St. P.):						
1st Mort. Land Grant.....	7,148,000	7	Apr. and Oct.	"	1887	111 1/2	1st Mortgage for \$5,000,000.....	3,500,000	7	Jan. and July.	New York.	1896	....
2d Mortgage (Gov. subsidy).....	27,236,512	6	Jan. & July.	U.S. Treasury.	'96-'99	....	West Jersey:						
3d Mortgage Sinking Fund.....	14,045,000	8	March & Sept.	New York.	1894	113 1/2	Debenture bonds guar. by U. & A.....	400,000	6	March & Sept.	Camden.	1888	80
Omaha Bridge Bonds Sterling.....	2,225,000	80	Apr. and Oct.	London.	1896	....	1st Mortgage.....	1,000,000	6	Jan. and July.	"	1896	108
Union Pacific (Central Div.):							1st Mortgage (Salem) guar.....	100,000	6	"	Philadelphia.	1878	....
1st Mortgage gold, tax free.....	1,600,000	60	May and Nov.	New York.	1895	....	1st Mort. (Swedesboro) guar.....	200,000	6	June & Dec.	Camden.	....	....
2d Mortgage (Gov. subsidy).....	1,600,000	6	Jan. & July.	U.S. Treasury.	'96-7-8	....	2d Mort. (Cape May & Millville).....	600,000	7	Apr. and Oct.	"	....	96
Union Pacific, S. Br. (M. & T.):							Consolidated Mortgage.....	1,000,000	7	"	"	1899	109
1st Mortgage gold, akg fund.....	3,220,000	60	Jan. & July.	New York.	1899	84 1/2	West Wisconsin:						
Union & Titusville (P. T. & Buff.)							1st Mort. land gr., gold akg fund	3,900,000	70	Jan. and July.	N. Y. or Lond.	1887	....
1st Mortgage.....	500,000	7	Jan. & July.	New York.	1890	88	1st Mort. (Southern Extension).....	640,000	70	"	"	1902	....
United N. J. R. R. & Canal Co.:							White Water Valley:						
Loan of 1901 (United Compa's)	3,000,000	6	March & Sept.	Philadelphia.	1901	109	1st Mortgage.....	1,021,840	8	Feb. and Aug.	Cincinnati.	1890	10
Sterling Loan \$300,000 (U. Co's)	1,844,000	50	"	London.	1894	....	Waco Mico and Pocumoke:						
Sterling Loan \$300,000 ( " )	1,800,000	60	"	"	1894	....	1st Mortgage.....	200,000	6	Jan. and July.	New York.	1888	....
Loan of 1894 St. Fund ( " )	2,000,000	6	Apr. and Oct.	Philadelphia.	1894	....	Williamston and Tarboro':						
Loan of 1888 (United Compa's)	154,000	6	Feb. and Aug.	"	1888	96	1st Mortgage.....	350,000	8	May and Nov.	New York.	1900	....
Bond to State of N. Jer. (U. Co's)	500,000	7	(Due 90 days after demand.)	London.	1880	....	Wilmington, Colum. & Augusta:						
Sterling S. F. \$292,000 (C. & Am.)	1,310,000	60	Feb. and Aug.	Philadelphia.	1883	103 1/2	1st Mortgage.....	3,800,000	7	June & Dec.	Baltimore.	1900	39 1/2
Loan of 1883 (Camden & Amb')	1,700,000	6	"	Princeton.	1889	103 1/2	Wilmington and Reading:						
Loan of 1889 ( " )	866,000	6	June & Dec.	Philadelphia.	1889	112	1st Mortgage.....	1,200,000	7	Apr. and Oct.	Philadelphia.	1900	43
Mortg. Loan ( " )	5,000,000	6	May and Nov.	New York.	1889	....	2d Mortgage coupon or regis.....	1,700,000	7	Jan. and July.	"	1902	10
Loan of '78 (N. J. R. R. & T. Co.)	450,000	6	Feb. and Aug.	New York.	1875	....	Wilmington and Weldon:						
Bond to State of N. J. (do.)	100,000	7	Apr. and Oct.	N. Y. (Over Due.)	....	....	Sterling Bonds.....	648,700	60	Jan. and July.	London.	1881	....
Utah Central:							Sterling Bonds.....	221,400	70	May and Nov.	"	1886	....
1st Mortgage.....	1,000,000	6	Jan. & July.	Salt Lake City	1890	....	Sinking Fund gold, Bonds.....	749,000	70	Jan. and July.	New York.	1890	101
Utah Southern:							Wilmington and Western (Del.):						
1st Mortgage.....	600,000	7	Jan. & July.	Salt Lake City	1891	....	1st Mortgage.....	500,000	7 1/2	J. A. J. & O.	Phil. & Wilm.	1892	....
Utica and Black River:							Winona & St. Peter (C. & N. W.):						
1st Mortgage.....	200,000	7	Jan. & July.	N. Y. & Utica.	1878	....	1st Mortgage \$20,000 p. m.....	2,750,000	7	Jan. and July.	New York.	1887	100 1/2
Bonds of 1871 (2d issue).....	575,000	7	"	"	1891	....	2d Mortgage \$12,000 p. m.....	1,650,000	7	May and Nov.	"	1907	104
Utica, Ithaca and Elmira:							Extension mortgage bonds.....	4,375,000	70	June & Dec.	"	1916	....
1st Mortgage, Sterling.....	1,500,000	7 1/2	Jan. & July.	London.	1902	....	Wisconsin Central:						
Vermont Cent.—See Central Vt.							1st M. L. G. gold S. F. \$25,000pm	4,013,500	70	Jan. and July.	Boston.	1901	15
Vermont and Massachusetts:							Worcester (Md.):						
1st Mortgage sinking fund.....	450,000	6	Jan. and July.	Boston.	1883	104 1/2	1st Mortgage.....	210,000	6	Jan. and July.	Baltimore.	1891	....
Convertible bonds, tax free.....	200,000	7	"	"	1879	112	Worcester and Naahua:						
Convertible bonds.....	150,000	7	"	"	1885	167	Plain Bonds.....	125,000	7	Jan. and July.	Boston.	1881	....
Vicksburg and Meridian:							Plain Bonds.....	185,300	6	Various	"	'81-'87	77
General { 1st series (red).....	717,500	7	Jan. and July.	Philadelphia.	1890	....	Plain Bonds.....	250,000	7	Apr. and Oct.	"	1893	....
2d series (blue).....	850,000	7	"	"	1890	....	Plain Bonds.....	400,000	7 1/2	Feb. and Aug.	"	1895	99 1/2
Mortgage { 3d series (black).....	138,000	7	"	"	1890	....	CANAL BONDS.						
4th series (not end.).....	1,141,706	7	Apr. and Oct.	"	1890	....	Chesapeake and Delaware:						
Special Loan 1871.....	213,000	8	Jan. and July.	"	1890	....	1st Mortgage sinking fund.....	1,993,750	6	Jan. and July.	Philadelphia.	1886	76
Vineyard:							Chesapeake and Ohio:						
1st Mortgage tax free.....	750,000	7	Apr. and Oct.	New York.	1890	....	Sterling Loan guaranteed.....	4,375,000	50	J. A. J. & O.	London.	1890	....
Virginia & Tennessee (A. M. & O.):							Preferred Bonds (next lien).....	1,099,500	6	Jan. and July.	Baltimore.	1885	40
1st Mortgage.....	5,000	6	Jan. and July.	N. Y. & Lynch.	1873	....	Delaware Division (L. O. & N.):						
2d Mortgage.....	900,000	6	"	"	1884	92	1st Mortgage, guaranteed.....	800,000	6	Jan. & July.	Philadelphia.	1898	98
3d Mortgage.....	999,000	8	March & Sept.	"	1900	104	Delaware and Hudson:						
4th Mortgage.....	94,191	8	Jan. and July.	"	1875	....	1st Mort. (2d series, July 1, 1899	3,500,000	7	Jan. and July.	New York.	1884	99
Registered Certificates.....	226,900	8	"	"	1880	....	reg. { 3d series, Jan. 1, 1871	6,000,000	7	"	"	1891	99 1/2
Funded Interest.....	226,900	8	"	"	1880	....	Coupon bonds of 1874.....	3,000,000	7	Apr. and Oct.	"	1894	99 1/2
Wallkill Valley (Erie):							Registered bonds of 1874.....	2,000,000	7	"	"	1894	....
1st Mortgage gold, tax free.....	510,500	70	Apr. and Oct.	New York.	1901	....	Lehigh Coal and Navigation:						
Warren (D. L. & W.):							Loan of 1877, Debentures.....	763,779	6	June & Dec.	Philadelphia.	1877	....
1st Mortgage, guaranteed.....	511,400	7	Feb. and Aug.	New York.	1875	....	Convertible Debentures.....	41,550	6	"	"	1882	....
2d Mortgage, guaranteed.....	750,000	7	May and Nov.	"	1900	106	Convertible Loan, gold.....	771,000	60	March & Sept.	"	1894	92 1/2
Warren & Franklin (P. T. & B.):							1st Mortgage, registered.....	5,381,933	6	J. A. J. & O.	"	1884	101 1/2
1st Mortgage, assumed.....	1,500,000	7	Feb. and Aug.	Philadelphia.	1882	86	1st Mortgage, reg. (R. R.).....	2,000,000	6	F. M. A. & N.	"	1897	106
Warwick Valley (Erie):							Mortgage (equip.) Loan, gold.....	4,668,500	60	June & Dec.	"	1897	97
Wasatch and Jordan Valley:							Consolidated Mortgage.....	1,115,000	7	"	"	1911	75
1st Mortgage.....	60,000	7	Apr. and Oct.	New York.	1890	....	Greenwood Mortgage Loan.....	717,000	7	Feb. and Aug.	"	1892	....
Washington City, Va. Mid. & Gt. So.:							Greenwood Mortgage Loan.....	140,000	6	Apr. and Oct.	"	1877	....
1st Mort. (O., Alex. & Manassas)	1,850,000	7	Jan. and July.	Baltimore.	1882	57	Monongahela Navigation:						
2d Mort. ( " )	350,000	7	"	"	1891	....	1st Mortgage.....	108,000	6	Jan. and July.	New York.	1887	....
1st Mort. (Orange & Alexandria)	400,000	6	May and Nov.	"	1873	91	Morris and Banking:						
2d Mort. ( " )	1,200,000	6	Jan. and July.	"	1875	85 1/2	1st Mortgage.....	500,000	6	Apr. and Oct.	Philadelphia.	1876	99
3d Mort. ( " )	600,000	8	May and Nov.	"	1873	39	Boat Loan, sinking fund.....	226,956	7	Apr. and Oct.	"	1899	100 1/2
4th Mort. ( " )	700,000	8	March & Sept.	"	1890	14	Preferred Stock Dividend Scrip.	103,164	7	Jan. and July.	"	1887	....
Funded Coupons (do.)	722,684	....	"	"	....	....	Pennsylvania:						
1st Mort. (Lynchburg & Danville)	521,000	....	Apr. and Oct.	"	1896	....	1st Mortgage akg fund guar.....	2,805,000	6	Jan. and July.	Philadelphia.	1910	70







Dec. 31, 1876	1876	1875	1874	1873	1872	1871	1870	1869	1868	1867	1866	1865	1864	1863	1862	1861	1860	1859	1858	1857	1856	1855	1854	1853	1852	1851	1850	1849	1848	1847	1846	1845	1844	1843	1842	1841	1840	1839	1838	1837	1836	1835	1834	1833	1832	1831	1830	1829	1828	1827	1826	1825	1824	1823	1822	1821	1820	1819	1818	1817	1816	1815	1814	1813	1812	1811	1810	1809	1808	1807	1806	1805	1804	1803	1802	1801	1800	1799	1798	1797	1796	1795	1794	1793	1792	1791	1790	1789	1788	1787	1786	1785	1784	1783	1782	1781	1780	1779	1778	1777	1776	1775	1774	1773	1772	1771	1770	1769	1768	1767	1766	1765	1764	1763	1762	1761	1760	1759	1758	1757	1756	1755	1754	1753	1752	1751	1750	1749	1748	1747	1746	1745	1744	1743	1742	1741	1740	1739	1738	1737	1736	1735	1734	1733	1732	1731	1730	1729	1728	1727	1726	1725	1724	1723	1722	1721	1720	1719	1718	1717	1716	1715	1714	1713	1712	1711	1710	1709	1708	1707	1706	1705	1704	1703	1702	1701	1700	1699	1698	1697	1696	1695	1694	1693	1692	1691	1690	1689	1688	1687	1686	1685	1684	1683	1682	1681	1680	1679	1678	1677	1676	1675	1674	1673	1672	1671	1670	1669	1668	1667	1666	1665	1664	1663	1662	1661	1660	1659	1658	1657	1656	1655	1654	1653	1652	1651	1650	1649	1648	1647	1646	1645	1644	1643	1642	1641	1640	1639	1638	1637	1636	1635	1634	1633	1632	1631	1630	1629	1628	1627	1626	1625	1624	1623	1622	1621	1620	1619	1618	1617	1616	1615	1614	1613	1612	1611	1610	1609	1608	1607	1606	1605	1604	1603	1602	1601	1600	1599	1598	1597	1596	1595	1594	1593	1592	1591	1590	1589	1588	1587	1586	1585	1584	1583	1582	1581	1580	1579	1578	1577	1576	1575	1574	1573	1572	1571	1570	1569	1568	1567	1566	1565	1564	1563	1562	1561	1560	1559	1558	1557	1556	1555	1554	1553	1552	1551	1550	1549	1548	1547	1546	1545	1544	1543	1542	1541	1540	1539	1538	1537	1536	1535	1534	1533	1532	1531	1530	1529	1528	1527	1526	1525	1524	1523	1522	1521	1520	1519	1518	1517	1516	1515	1514	1513	1512	1511	1510	1509	1508	1507	1506	1505	1504	1503	1502	1501	1500	1499	1498	1497	1496	1495	1494	1493	1492	1491	1490	1489	1488	1487	1486	1485	1484	1483	1482	1481	1480	1479	1478	1477	1476	1475	1474	1473	1472	1471	1470	1469	1468	1467	1466	1465	1464	1463	1462	1461	1460	1459	1458	1457	1456	1455	1454	1453	1452	1451	1450	1449	1448	1447	1446	1445	1444	1443	1442	1441	1440	1439	1438	1437	1436	1435	1434	1433	1432	1431	1430	1429	1428	1427	1426	1425	1424	1423	1422	1421	1420	1419	1418	1417	1416	1415	1414	1413	1412	1411	1410	1409	1408	1407	1406	1405	1404	1403	1402	1401	1400	1399	1398	1397	1396	1395	1394	1393	1392	1391	1390	1389	1388	1387	1386	1385	1384	1383	1382	1381	1380	1379	1378	1377	1376	1375	1374	1373	1372	1371	1370	1369	1368	1367	1366	1365	1364	1363	1362	1361	1360	1359	1358	1357	1356	1355	1354	1353	1352	1351	1350	1349	1348	1347	1346	1345	1344	1343	1342	1341	1340	1339	1338	1337	1336	1335	1334	1333	1332	1331	1330	1329	1328	1327	1326	1325	1324	1323	1322	1321	1320	1319	1318	1317	1316	1315	1314	1313	1312	1311	1310	1309	1308	1307	1306	1305	1304	1303	1302	1301	1300	1299	1298	1297	1296	1295	1294	1293	1292	1291	1290	1289	1288	1287	1286	1285	1284	1283	1282	1281	1280	1279	1278	1277	1276	1275	1274	1273	1272	1271	1270	1269	1268	1267	1266	1265	1264	1263	1262	1261	1260	1259	1258	1257	1256	1255	1254	1253	1252	1251	1250	1249	1248	1247	1246	1245	1244	1243	1242	1241	1240	1239	1238	1237	1236	1235	1234	1233	1232	1231	1230	1229	1228	1227	1226	1225	1224	1223	1222	1221	1220	1219	1218	1217	1216	1215	1214	1213	1212	1211	1210	1209	1208	1207	1206	1205	1204	1203	1202	1201	1200	1199	1198	1197	1196	1195	1194	1193	1192	1191	1190	1189	1188	1187	1186	1185	1184	1183	1182	1181	1180	1179	1178	1177	1176	1175	1174	1173	1172	1171	1170	1169	1168	1167	1166	1165	1164	1163	1162	1161	1160	1159	1158	1157	1156	1155	1154	1153	1152	1151	1150	1149	1148	1147	1146	1145	1144	1143	1142	1141	1140	1139	1138	1137	1136	1135	1134	1133	1132	1131	1130	1129	1128	1127	1126	1125	1124	1123	1122	1121	1120	1119	1118	1117	1116	1115	1114	1113	1112	1111	1110	1109	1108	1107	1106	1105	1104	1103	1102	1101	1100	1099	1098	1097	1096	1095	1094	1093	1092	1091	1090	1089	1088	1087	1086	1085	1084	1083	1082	1081	1080	1079	1078	1077	1076	1075	1074	1073	1072	1071	1070	1069	1068	1067	1066	1065	1064	1063	1062	1061	1060	1059	1058	1057	1056	1055	1054	1053	1052	1051	1050	1049	1048	1047	1046	1045	1044	1043	1042	1041	1040	1039	1038	1037	1036	1035	1034	1033	1032	1031	1030	1029	1028	1027	1026	1025	1024	1023	1022	1021	1020	1019	1018	1017	1016	1015	1014	1013	1012	1011	1010	1009	1008	1007	1006	1005	1004	1003	1002	1001</
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## RAILROAD SHARE LIST, including Mileage, Rolling Stock, Debts, Income, Dividends, &amp;c., &amp;c.

the same ("") occurring in the column headed "Rolling Stock" signifies that the cost thereof is included, in that headed "Railroad." A dash (—) across the column signifies "nil," and running dots (....) signify "not ascertained."

Land Grant Railroads are printed in "Italics." State-aid Railroads are distinguished by a "1."

[illegible]



178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000
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Date	1876	1877	1878	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2423	2424	2425	2426	2427	2428	2429	2430	2431	2432	2433	2434	2435	2436	2437	2438	2439	2440	2441	2442	2443	2444	2445	2446	2447	2448	2449	2450	2451	2452	2453	2454	2455	2456	2457	2458	2459	2460	2461	2462	2463	2464	2465	2466	2467	2468	2469	2470	2471	2472	2473	2474	2475	2476	2477	2478	2479	2480	2481	2482	2483	2484	2485	2486	2487	2488	2489	2490	2491	2492	2493	2494	2495	2496	2497	2498	2499	2500
Dec. 31, 1876	85.0	21.4	14.6	10.1	7.0	5.0	3.0	2.0	1.0	0.5	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0																																																																																																														



## Grand Trunk Railway of Canada.

The revenue statement of this company for the month of February, 1878 and 1879, is as follows:

	1879.	1878.
Gross receipts.....	£137,524	£152,095
Working expenses.....	113,945	117,864
Net profit.....	£23,579	£34,231

—showing a decrease in receipts of £14,571, in expenses of £3,419, and in net profit of £11,152.

Aggregate for two months from Jan. 1 to Feb. 28, 1879:

	1879.	1878.
Gross receipts.....	£291,186	£306,118
Working expenses.....	235,091	239,534
Net profit.....	£56,095	£66,584

—showing a decrease in earnings of £14,932, in expenses of £4,443, and in net profit of £10,489.

## Statement of the Public Debt of the United States, April 1, 1879.

DEBT BEARING INTEREST.		
	Amount Outstanding.	Accrued Interest.
5 per cent. bonds, 1858.....	\$200,000 00	\$3,220 00
6 per cent. 1881 bonds, 1881.....	18,415,000 00	279,225 00
6 per cent. bonds, 1881 (Oregon), 1881.....	945,000 00	14,175 00
6 per cent. 1881 bonds, 1881.....	189,321,350 00	2,839,320 25
6 per cent. 1881 bonds, 1883.....	75,000,000 00	1,125,000 00
6 per cent. 10-40 bonds, 1884.....	194,568,300 00	310,622 92
6 per cent. consols, 1887.....	288,366,300 00	4,024,602 00
6 per cent. consols, 1888.....	37,436,000 00	561,549 00
6 per cent. funded loan of 1881.....	508,440,350 00	4,237,032 92
4 per cent. funded loan of 1891.....	250,000,000 00	937,500 00
4 per cent. funded loan of 1907.....	442,400,000 00	4,494,000 00
3 per cent. navy pension fund, 1868.....	14,000,000 00	165,000 00

Aggregate of debt bearing interest.....\$2,006,091,400 00 \$19,428,817 09

Interest due and unpaid.....5,328,020 40

## DEBT ON WHICH INTEREST HAS CEASED SINCE MATURITY.

	Amount Outstanding.	Interest due and unpaid.
4 to 6 per cent. old debt, 1837.....	\$57,665 00	\$64,174 81
5 percent. Mexican indemnity stock, 1846.....	1,104 91	85 74
6 per cent. bonds, 1847.....	1,250 00	22 00
6 per cent. bounty land scrip, 1847.....	3,300 00	213 39
6 per cent. Texas indemnity bonds, 1850.....	21,000 00	3,045 00
6 per cent. bonds, of 1858.....	8,000 00	.....
6 per cent. bonds, 1860.....	10,000 00	600 00
6 per cent. 5-20 bonds, called 1862.....	408,500 00	249 44
6 per cent. 5-20 bonds, called June, 1864.....	75,660 00	517 95
6 per cent. 5-20 bonds, called 1865.....	172,750 00	61,685 05
6 per cent. Consol. bonds, called, 1865.....	6,289,750 00	125,625 03
1-10 to 6 per cent. treasury notes, prior to 1846.....	82,825 35	2,668 06
1-10 to 6 per cent. treasury notes, 1846.....	6,000 00	206 00
6 per cent. treasury notes, 1847.....	950 00	57 00
3 to 6 per cent. treasury notes, 1857.....	1,700 00	99 00
6 per cent. treasury notes, 1861.....	3,000 00	864 50
7 3-10 per cent. 3 years' treasury notes, 1861.....	16,700 00	1,141 30
6 per cent. 1 year notes, 1863.....	49,705 00	2,497 35
6 per cent. 2 year notes, 1863.....	38,050 00	2,063 15
6 per cent. compound interest notes, 1863-64.....	263,000 00	63,289 76
7 3-10 per cent. 3 years' treasury notes, 1864-65.....	149,500 00	6,462 83
6 per cent. certificates of indebtedness, 1862-63.....	4,000 00	253 48
4 to 6 per cent. temporary loan, 1864.....	3,000 00	256 06
3 per cent. certificates called.....	5,000 00	394 31

Aggregate of debt on which interest has ceased since maturity.....\$7,672,160 28 \$325,776 20

DEBT BEARING NO INTEREST.		
	Amount	Interest
Demand notes 1861-62.....	\$61,925 00	.....
Legal tender notes, 1862-63.....	246,681,016 00	.....
Certificates of deposit.....	27,680,000 00	.....
Fractional currency, 1862-3-4.....	16,925,662 14	.....
Gold certificates, 1863.....	16,304,700 00	.....
Silver certificates, 1875.....	2,328,530 00	.....
Refunding certificates, 1879.....	63,070 00	.....
Unclaimed interest.....	.....	8,647 03

A aggregate of debt bearing no interest.....\$400,032,908 14 \$8,647 03

## RECAPITULATION.

	Amount Outstanding.	Interest.
Debt bearing interest in coin, viz:		
Bonds at 6 per cent.....	\$589,424,750 00	.....
Bonds at 5 per cent.....	703,268,650 00	.....
Bonds at 4 1/2 per cent.....	256,000,000 00	.....
Bonds at 4 per cent.....	442,400,000 00	.....
Navy pension fund, 3 per cent.....	14,000,000 00	.....
	\$2,006,091,500 00	\$24,756,837 49
Debt on which interest has ceased since maturity.....	7,672,160 28	325,776 20
Debt bearing no interest, viz:		
Old Demand and legal-tender notes.....	\$346,742,941 00	.....
Certificates of deposit.....	27,680,000 00	.....
Fractional currency.....	16,925,662 14	.....
Coin and Silver Certificates.....	16,304,700 00	.....
Refunding certificates.....	63,070 00	.....
	\$400,032,908 14	8,647 03
Unclaimed interest.....	.....	8,647 03
	\$2,432,706,463 40	\$25,091,240 72
Total debt, principal and interest, to date, including interest due and unpaid.....	\$2,447,587,724 12	

## AMOUNT IN TREASURY.

Interest due and unpaid.....	\$5,328,020 40
Debt on which interest has ceased.....	7,672,160 28
Interest thereon.....	325,776 20
Gold and silver certificates.....	18,631,230 00
U S Notes held for redemption of certificates of deposit.....	27,680,000 00
Currency held for redemption of fractional currency.....	8,458,991 00
Called bonds not matured for which 4 per cent bonds have been issued.....	208,147,700 00
Cash balance available February 1, 1879.....	144,243,580 43
	\$420,737,458 29
Debt, less amount in Treasury, Apr. 1, 1879.....	\$2,026,850,265 83
Debt, less amount in Treasury, on the 1st ult.....	\$2,026,297,541 63

Increase of debt during the past month.....\$892,724 17  
Decrease of debt since June 30, 1878.....8,686,675 99

## BONDS ISSUED TO THE PACIFIC RAILROAD COMPANIES, INTEREST PAYABLE IN LAWFUL MONEY.

	Amount Outstanding.	Accrued Interest not paid.
Central Pacific bonds, 1862-64.....	\$25,885,120 00	\$388,276 80
Kansas Pacific bonds, 1862-64.....	6,308,000 00	94,545 00
Union Pacific bonds, 1862-64.....	27,236,512 00	408,547 69
Central Branch Union Pacific bonds, 1862-64.....	1,600,000 00	24,000 00
Western Pacific bonds, 1862-64.....	1,970,560 00	29,568 40
Sioux City and Pacific bonds, 1862-64.....	1,623,320 00	24,424 80
Totals.....	\$64,623,512 00	\$969,362 68

Interest paid by United States, \$41,773,745 22; interest repaid by transportation of mails, &c., \$10,705,062 80; balance of interest paid by United States, \$31,068,692 42.

The foregoing is a correct statement of the public debt, as appears from the books and Treasurer's returns in the Department at the close of business, March 31, 1879.

JOHN SHERMAN,  
Secretary of the Treasury.

## Houston and Texas Central Railroad.

The following is a comparative statement of the earnings and expenses of the Houston and Texas Central Railroad for the months of March, 1878, and March, 1879:

	1878.	1879.
Earnings.....	\$174,528 19	\$212,946 48
Expenses (including taxes).....	146,881 51	140,615 03
Net.....	\$27,646 68	\$72,331 45
Increase in gross earnings, 22 per cent.....	\$38,418 29	
Decrease in expenses, 4.26 per cent.....	6,266 48	
Increase in net earnings, 161.63 per cent.....	44,684 77	

The Chattanooga, Tenn., Times says that the rails are now being put down at the rate of three-fourths of a mile a day on the Cincinnati Southern Railroad, and that the trains will be running from Cincinnati there by the first of December, providing nothing extraordinary occurs.

The new Board of Directors of the Wash-bash Railroad Company have been called to meet at Toledo, Ohio, on the 14th of May, to take action as regards the future management of the road,

## Philadelphia Stock Exchange.

Closing Prices for the week ending Apr. 23.

	W. 23. Th. 24. F. 25. Sat. 26. M. 28. Tu. 29.
Allegheny Val. 7 3-10s.....	112 1/2
7s, Income.....	30 1/2
Camden & Am. 6s, 1883.....	30 1/2
6s, 1889.....	112
Mort. 6s, 1889.....	113
Camden and Atlantic.....	44 1/2
Preferred.....	45 1/2
1st mortgage.....	102
2d mortgage.....	102
Catawissa.....	8
Preferred.....	38
New preferred.....	34 1/2
7s, new.....	109
Del. & Bound Brook.....	107 1/2
Elmira & Williamsport.....	109
Preferred.....	109
Hunt. & B. Top Mt. 3.....	3
Preferred.....	6 1/2
2d mortgage.....	107 1/2
Lehigh Navigation.....	17 1/2
6s, 1884.....	105
Gold Loan.....	97
Railroad Loan.....	106 1/2
Conv. Gold Loan.....	35 1/2
Lehigh Valley.....	35 1/2
6s, new, coupon.....	118
6s, new, registered.....	118
7s.....	118
Consol. mort. 6s.....	42 1/2
Little Schuylkill.....	43 1/2
Minerhill & Sch. Haven.....	38
North Pennsylvania.....	111 1/2
1st mortgage 6s.....	111 1/2
2d mortgage 7s.....	114
Gen'l mort. 7s, coup.....	113 1/2
Gen'l Mort. 7s, reg.....	147 1/2
Northern Central.....	111 1/2
Northern Pacific.....	111 1/2
Preferred.....	34 1/2
7.30s.....	48 1/2
Pennsylvania R. R. 36.....	36 1/2
1st mortgage.....	105
Gen'l mortgage.....	112
Gen'l mort. reg.....	106 1/2
Consol. mort. 6s.....	106 1/2
Penn. & N.Y. Canal 7s.....	118 1/2
Penn. State 6s, 2d series 102.....	102
do. 3d series.....	107 1/2
do. 5s, new.....	113 1/2
Philadelphia City 6s.....	118 1/2
6s, new.....	118 1/2
Phila. and Reading.....	14 1/2
Debtore bonds.....	47
7s, of 1893.....	53
7s, new convertible.....	53
Gen'l mortgage 7s.....	104 1/2
Gen'l mortgage, reg. 106.....	107
Philadelphia and Erie 8.....	8 1/2
1st mortgage, 6s.....	104 1/2
2d mortgage, 7s.....	108
Pittsb., Cin. & St. L. 7s.....	104 1/2
Pittsb., Titusv. & Bufd.....	5
7s.....	5
Schuylkill Navigation.....	.....
Preferred.....	.....
6s, 1872.....	61
6s, 1882.....	61
6s, 1895.....	140 1/2
United Co. of N. Jersey 140.....	141 1/2
Hestonville, (Horse) 12.....	12 1/2
Chestnut & Wal. (do.) 68.....	68 1/2
Green and Coates (do.) 65.....	67
2d and 3d streets (do.).....	.....
15th and 16th sts (do.) 53.....	53

## Baltimore Stock Exchange.

Closing Prices for the week ending Apr. 23.

	W. 23. Th. 24. F. 25. Sat. 26. M. 28. Tu. 29.
Baltimore and Ohio.....	102 1/2
6s, 1880.....	102 1/2
6s, 1885.....	102 1/2
Central Ohio.....	105
1st mortgage.....	105
Marietta & Cincinnati.....	84
1st mortgage, 7s.....	84 1/2
2d mortgage, 7s.....	84 1/2
3d mortgage, 8s.....	124 1/2
Northern Central.....	14 1/2
2d mortgage, 6s 1885.....	104 1/2
3d mortgage, 6s, 1900.....	104 1/2
6s, 1900, Gold.....	101
Orange and Alex. 1st.....	14
2d mortgage, 6s.....	14
3d mortgage, 6s.....	14
4th mortgage, 8s.....	14
O., Alex. & Manassas 7.....	106 1/2
Pittsb. & Connellsv. 7s 106.....	106 1/2
Virginia 6s, Consol.....	81 1/2
Consol. Coupons.....	81 1/2
Deferred Certificates.....	.....
Western Maryland.....	112 1/2
1st M., end. by Balt.....	108 1/2
2d M., do.....	112 1/2
3d M., do.....	108 1/2
1st M., unendorsed.....	108 1/2
2d M., end. Wash. Co.....	108 1/2
3d M., preferred.....	108 1/2
City Passenger R. R. 72.....	72 1/2



**New York Stock Exchange.**

**Closing Prices for the week ending Apr. 30.**

	Th. 24	Fr. 25	Sat. 26	Su. 27	Mo. 28	Tu. 29	We. 30
Adams Express.....	104	106	108	104	108	108	108
Albany and Susq.....	89	89	108	108	104	108	89
1st mortgage.....	104	106	108	104	108	108	108
2d mortgage.....	104	106	108	104	108	108	108
American Express.....	49	49	49	49	49	49	49
Atlantic & Pacific Tel. 36	26	26	26	26	26	26	26
Burl., O.R. & Nor.....	83	83	83	83	83	83	83
1st mortgage 5s.....	78	78	78	78	77	78	78
Canada Southern.....	59	59	59	59	59	59	59
1st mortgage guar.....	81	81	81	81	81	81	81
Central of N. Jersey.....	43	43	44	44	44	44	43
1st mortgage 1890.....	116	116	116	116	116	116	116
7s, consolidated.....	116	116	116	116	116	116	116
7s, convertible.....	116	116	116	116	116	116	116
Central Pacific 6s, gold.....	110	110	110	110	110	110	110
1st M. (San Joaquin).....	99	99	99	99	99	99	99
1st M. (Cal. and Or.).....	100	100	100	100	100	100	100
Land grant 6s.....	102	104	103	103	103	103	103
Chicago and Alton.....	78	77	76	76	76	76	76
Preferred.....	106	106	106	106	106	106	106
1st mortgage.....	106	106	106	106	106	106	106
Sinking Fund.....	106	106	106	106	106	106	106
Chic., Burl. & Quincy 114	114	114	114	113	113	113	114
7s Consol, 1893.....	115	115	115	115	115	115	115
8s, 1883.....	112	112	112	112	112	112	112
Chic., Mil. and St. Paul 41	41	40	39	41	41	41	41
Preferred.....	81	81	81	80	82	81	81
1st mortgage, 5s.....	124	124	124	124	124	124	124
2d mortgage, 7 5-10s.....	110	110	110	110	110	110	110
7s, gold.....	110	110	110	110	110	110	110
1st M. (La. Crosse div.).....	110	110	110	110	110	110	110
1st M. (I. and M. div.).....	110	110	110	110	110	110	110
1st M. (I. and D. div.).....	110	110	110	110	110	110	110
1st M. (H. & D. div.).....	110	110	110	110	110	110	110
1st M. (C. & M. div.).....	110	110	110	110	110	110	110
Consolidated S. F.....	108	108	108	108	108	108	108
Chic. & Northwestern 89	90	88	88	89	89	88	88
Preferred.....	90	90	89	90	90	89	89
1st mortgage.....	109	109	109	109	109	109	109
Sinking Fund.....	110	110	110	110	110	110	110
Consolidated 7s.....	112	112	112	112	112	112	112
Consol. Gold bonds.....	112	112	112	112	112	112	112
Do. reg.....	112	112	112	112	112	112	112
Chic., Rock Isl. & Pac 132	132	131	131	130	130	130	130
7s, 1896.....	132	132	132	132	132	132	132
6s, S. F.....	114	114	114	114	114	114	114
6s, 1917.....	114	114	114	114	114	114	114
Olev., Col., C. and Ind. 46	47	48	46	46	46	46	46
1st mortgage.....	116	116	116	116	116	116	116
Olev. & Pittsburg guar. 97	97	97	97	97	97	97	97
7s, Consolidated.....	97	97	97	97	97	97	97
4th mortgage.....	104	104	104	104	104	104	104
Olev., F. and Ash 7s.....	104	104	104	104	104	104	104
7s, new.....	8	8	8	8	8	8	8
Col., Chi., & Ind. Cent 81	81	81	81	81	81	81	81
1st mortgage.....	67	67	66	67	66	66	66
2d mortgage.....	28	28	28	28	28	28	28
Del. & Hudson Canal 44	45	46	46	46	46	46	46
Reg. 7s, 1891.....	99	99	100	100	100	100	100
Reg. 7s, 1884.....	99	99	99	99	99	99	99
7s, 1894.....	99	99	99	99	99	99	99
Col., Laek. & Western 65	53	53	53	53	52	53	53
2d mortgage 7s.....	53	53	53	53	53	53	53
7s, Convertible.....	108	108	108	108	108	108	108
7s, Consol. 1907.....	110	110	110	110	110	110	110
Erie Railway.....	2	27	26	26	26	26	2
Preferred.....	49	49	48	49	49	49	49
1st mortgage.....	102	102	103	103	103	103	102
2d mortgage.....	102	102	103	103	103	103	102
3d mortgage.....	107	107	107	107	107	107	107
4th mortgage.....	107	107	107	107	107	107	107
5th mortgage.....	107	107	107	107	107	107	107
7s, Consol. gold.....	107	108	109	109	109	109	107
Great Western 1st mort.....	88	88	88	88	88	88	88
2d mortgage.....	88	88	88	88	88	88	88
Hannibal & St. Joseph 18	19	18	18	18	18	18	18
Preferred.....	42	42	41	41	41	41	41
8s, Convertible.....	107	107	107	107	107	107	107
Illinois Central.....	85	85	85	85	85	85	85
Kansas Pacific.....	47	46	45	50	58	58	47
Lake Shore & Mich. So. 71	71	71	71	71	71	71	71
Consol. 7s.....	118	118	118	118	118	118	118
Consol. 7s, reg.....	118	118	118	118	118	118	118
2d Consolidated.....	118	118	118	118	118	118	118
Leh. & W.B. 7s, Con.....	109	109	109	109	109	109	109
Long Dock bonds.....	109	109	110	110	110	110	109
L'ville & Nash. 7s Con.....	109	109	109	109	109	109	109
Metropolitan El. 1st M. 104	103	103	103	104	104	104	103
Michigan Central.....	82	82	82	82	81	81	82
7s, 1902.....	115	115	115	115	115	115	115
8s 1882, S. F. 1st, S.F.....	112	112	112	112	112	112	112
M. S. and N. I. 1st, S.F.....	87	87	88	87	87	87	87
Morris and Essex.....	86	87	88	87	87	87	86
1st mortgage.....	108	108	108	108	108	108	108
2d mortgage.....	108	108	108	108	108	108	108
7s of 1871.....	106	106	106	106	106	106	106
7s, Convertible.....	96	96	96	96	96	96	96
7s, Consolidated.....	96	96	96	96	96	96	96
New Jersey.....	117	117	117	117	117	117	117
N. Y. Cent. & Hud. Riv 116	117	117	117	117	117	117	117
7s, Sinking fund, 1876.....	108	108	108	108	108	108	108
6s, Sinking fund, 1883.....	108	108	108	108	108	108	108
6s, Sinking fund, 1887.....	108	108	108	108	108	108	108
1st mortgage.....	108	108	108	108	108	108	108
1st mortgage reg.....	108	108	108	108	108	108	108
N. Y. Elevated.....	108	108	108	108	108	108	108
1st Mortgage.....	114	113	113	113	113	113	113
N. York and Harlem.....	108	108	108	108	108	108	108
Preferred.....	108	108	108	108	108	108	108
1st mortgage.....	108	108	108	108	108	108	108
1st mortgage, reg.....	108	108	108	108	108	108	108

**New York Stock Exchange.**

**Closing Prices for the week ending Apr. 20.**

	Th. 24	F. 25	Sat. 26	M. 27	Tu. 28	W. 29	Th. 30
N. Y. Lake Erie & W. ....	73	73	73	73	73	73	73
2d Consolidated.....	73	73	73	73	73	73	73
New 2d ss fund.....	73	73	73	73	73	73	73
N. Y. N. Haven & Hart .....	160	160	160	160	160	160	160
North Missouri 1st M. ....	112	112	112	112	112	112	112
Ohio and Mississippi 1st ..	14	15	15	14	14	14	14
Preferred.....	53	38	38	38	39	38	38
2d mortgage.....	94	94	94	94	94	94	94
Consolidated 7s.....	109	109	110	110	110	110	110
Consol. Sinking fund .....	130	130	130	130	130	130	130
Pacific Mail S. S. Co. 1st ..	13	13	14	14	14	14	14
Pacific R. R. of Mo. ....	105	105	105	105	105	105	105
1st mortgage.....	105	105	105	105	105	105	105
2d mortgage.....	107	107	107	107	107	107	107
Panama.....	136	136	136	136	136	136	136
Pitts., Ft. W. & Chi. 1st 107	107	107	108	108	108	108	108
1st mortgage.....	124	124	124	124	124	124	124
2d mortgage.....	124	124	124	124	124	124	124
3d mortgage.....	124	124	124	124	124	124	124
Pullman Palace Car.....	85	85	85	85	85	85	85
Quicksilver Mining Co. 1st ..	15	15	15	15	15	15	15
Preferred.....	31	31	31	31	31	31	31
St. Louis & San Fran. ....	91	91	91	91	91	91	91
Preferred.....	11	11	11	11	11	11	11
1st Preferred.....	22	22	22	22	22	22	22
St. L., Alton and T. H. 1st ..	9	9	9	9	9	9	9
Preferred.....	19	19	19	19	19	19	19
1st mortgage.....	112	112	112	112	112	112	112
2d mort. preferred.....	81	81	81	81	81	81	81
Income bonds.....	81	81	81	81	81	81	81
St. L., Iron Mt. & S'n 21	21	21	21	21	21	21	21
1st mortgage.....	82	85	85	85	85	85	85
2d mortgage.....	82	85	85	85	85	85	85
St. L., Jack. & Chi. 1st.....	12	12	12	12	12	12	12
St. L., Kan. City & N. 1st ..	12	12	12	12	12	12	12
Preferred.....	36	37	37	37	37	37	37
Tol., P. & War. 1st E.D. ....	72	72	72	72	72	72	72
1st mort., West. Div. ....	75	75	77	72	72	72	72
Union Pacific.....	75	75	77	72	72	72	72
1st mortgage.....	111	110	110	110	110	110	110
Land Grant 7s.....	111	111	111	111	111	111	111
Sinking Fund 8s.....	113	113	114	114	114	114	114
United States Express. 48	48	48	48	48	48	48	48
Wabash.....	31	32	32	32	32	32	32
1st mortgage.....	106	106	106	106	106	106	106
2d mortgage.....	88	88	88	88	88	88	88
7s, Consolidated.....	72	72	73	73	77	77	77
St. Louis Division.....	93	93	93	93	93	93	93
Wells-Fargo Express. 100	100	100	100	100	100	100	100
Western Pacific bonds.....	106	106	106	106	106	106	106
Western Union Tel. Co. ....	105	105	105	105	105	105	105
7s, S. F. conv., 1900.....	112	112	112	112	112	112	112

**New York Stock Exchange.**

**Closing Prices for the week ending Apr. 30.**

FEDERAL STOCKS:				
U. S. 4s, 1907, reg.....	101	101	101	101
U. S. 4s, 1907, coup.....	101	101	101	101
U. S. 4s, 1891, reg.....	100	100	100	100
U. S. 4s, 1891, coup.....	100	100	100	100
U. S. 5s, 10-40s, reg.....	100	100	100	100
U. S. 5s, 10-40s, coup.....	100	100	100	100
U. S. 5s, 1881, reg.....	100	100	100	100
U. S. 5s, 1881, coup.....	100	100	100	100
U. S. 5s, 1881, reg.....	100	100	100	100
U. S. 5s, 1881, coup.....	100	100	100	100
U. S. 6s, Pac. R. R. Issue 1882	124	124	124	124
Of. of Columbia S-65s.....	84	84	84	84

**London Stock Exchange.**

—Closing Prices.—

	Apr. 16	Apr. 18
Atlantic & Gt. W. 1st mort. \$1,000.....	54	36
Do. 2d mort. \$1,000.....	13	15
Do. 3d mort. \$1,000.....	41	51
Central Pacific of California 1st mort. 111	112	112
Detroit & Milwaukee 1st mort. bonds 48	122	48
Do. 2d do. 48	52	52
Eric shares, \$100.....		
Do. Reconstruction Asses. \$6 pd. 27	28	27
Do do. \$4 pd. 261	261	271
Do Preference Shares.....		
Do. Con. Gold Trust. Cer. ex Fecop 698	701	
Do. 1st Con. Mort. ex-certif.....		
Do. with Rec. T's Certs. of 6 Cou. 107	108	108
Illinois & St. Louis Bds 1 mort. sig. 87	80	87
do do. 2 mort. sig. 40	45	40
Illinois Central \$100 shares.....	85	87
Lehigh Valley Conso. mortgage.....	103	106
Marietta and Cincinnati Railway.....		87
N. Y. Cent. & Hud. Riv. Mt. bonds. 124	125	125
Do. \$100 shares.....		
N.Y., Lake Erie & W. F. C. bonds.. 72	73	74
Pennsylvania, \$50 shares.....	36	37
Do. 1st mortgage.....	104	105
Do. Con. SINK. Fund Mort.....	103	105
Philadelphia and Reading \$50 sha. 13	14	13
Pittsburg Ft. W. & Chic. Equip bds. 108	110	109
Union Pacific Land Grant 1st mort. 110	112	111

**American Railroad Journal.**

**Saturday, May 3, 1879.**

### Financial and Commercial Affairs.

Influenced largely by the extraordinary success of the refunding operations of the Treasury Department, the business position in the home markets has been represented as more satisfactory, both as to current dealings and the outlook for the Spring season. The growing ease in Money is deemed very favorable to commercial interests, which show more life and buoyancy. Capital is in liberal supply here and continues to accumulate through the influx from other sources. The demand for accommodation is fair, but not at all urgent; and responsible borrowers have the advantage as to rates in current loan and discount negotiations. The City Bank exhibit of last week indicated a decrease in the loan and discount average of \$54,400, and in the item of circulation of \$18,600. The average of deposits was enlarged \$4,259,200. The legal tender reserve was augmented \$4,552,400 (or to \$45,224,500); and the specie average was cut down \$647,500. The City bank net reserve of specie and legal tender notes now shows an excess over the legal requirement of reserve to liabilities of \$12,324,050, against \$9,483,950 the preceding week, or a further gain of \$2,840,100. The City bank exchanges in currency reached \$503,108,030, or a daily average of \$383,851,338. Call loans have been quoted down to  $1\frac{1}{2}$  @  $4\frac{1}{2}$ %, generally at  $2\frac{1}{2}$  @  $3\frac{1}{2}$  per cent, on the pledge of Stock or mixed collaterals (in the instance of Government securities, however, ranging as low as  $1\frac{1}{2}$ ), and best discounts at  $3\frac{1}{2}$  @  $5$  per cent per annum. Cable advices are again of remarkable ease in Money in the London market, discount rates ruling as



low, on three months' paper, as  $1\frac{1}{4}\%$  per cent. As resulting from cheap money gradual improvement in the temper of speculation is also noted, with more activity in bonds and stocks, and a generally higher range of values. Commercial interests are with much change for the better. The political position and outlook are not viewed as satisfactory or encouraging.

The outstanding amount of legal tender notes is \$346,742,941. The National bank circulation is now \$327,572,530 of currency notes and \$1,466,920 of national gold bank notes. National Bank notes received at the Treasury Department last week for redemption were to the amount of \$3,026,000. The amount of United States bonds deposited with the U. S. Treasurer at Washington for circulation during the week was \$4,238,550. And of United States bonds held for circulation withdrawn during the week \$4,003,150. The Treasury Department now holds \$351,397,800 in United States bonds to secure the outstanding national bank circulation.

Dealings in outstanding Government securities have been again of very liberal proportions and at generally higher and buoyant prices, the new Four per cent bonds continuing in decided favor with investment buyers at a further sharp rise. Important purchases have been made for shipment to Europe. The general market closed strong. An unusually brisk inquiry has been noted for the new 4 per cent certificates of deposit which have been marketed as freely as they could be supplied by the Treasury Department, the popular rash for them continuing throughout the week. Speculators have been endeavoring to buy them, in quantities which were not allowed to go to single purchasers by the Treasury regulations, which have been revised by Secretary Sherman, with a view to preventing evasion of the stipulations. At the close on Wednesday the current quotations for the various issues were as follows:

United States 6s, 1881, registered,  $106\frac{1}{2}\%$  @  $106\frac{1}{2}\%$ ; do. coupon,  $106\frac{1}{2}\%$  @  $106\frac{1}{2}\%$ ; 5 per cents, 1881, registered,  $103\frac{1}{2}\%$  @  $103\frac{1}{2}\%$ ; do. coupon,  $104\frac{1}{2}\%$  @  $104\frac{1}{2}\%$ ; 4 per cents, 1891, registered,  $106\frac{1}{2}\%$  @  $106\frac{1}{2}\%$ ; do. coupon,  $106\frac{1}{2}\%$  @  $106\frac{1}{2}\%$ ; 4 per cents, 1907, reg.,  $101\frac{1}{2}\%$  @  $101\frac{1}{2}\%$ ; do. coupon,  $101\frac{1}{2}\%$  @  $101\frac{1}{2}\%$ ; sixes, currency,  $124\frac{1}{2}\%$  @  $125\%$ .

Of the favorite State loans, more liberal amounts have been also taken on investment account at firmer, though irregular prices. Railway Mortgage of the prominent interest bearing issues have been in brisk request, chiefly for investment purposes and values have been further advanced sharply, though the fluctuations have been frequent. In the line of Railway and Miscellaneous share property an active business has been reported, the speculative temper having been, as a whole, much more confident, and leading to a further rise in prices, closing as a rule firmly and buoyantly, favored by the prevailing ease in money. The dealings reached on Thursday an aggregate of about 182,000 shares; on Saturday of about 209,000, and on Monday of the current week, 172,000 shares, followed on Tuesday by a total of nearly 168,000 shares.

In the Gold line, the business of the week has been of minor interest. The specie outflow last week was only \$228,876—making the total exports of specie hence since January 1, 1879, \$6,

618,523, against \$7,069,232 the same time in the preceding year. The imports of specie at this port last week were to the amount of \$82,448, and since January 1, 1879, have been \$3,507,388 against \$10,508,976 same time in the preceding year. The Customs drain for gold in the local market reached \$1,845,903 or an average of about \$307,650 per day.

Foreign Exchange has been in comparatively limited request, and somewhat weaker in price. Bankers' sixty day bills on London closed at \$4 86 @  $86\frac{1}{2}\%$ ; sight bill on London at \$4 87  $\frac{1}{2}\%$  @  $88\frac{1}{2}\%$  to the £ sterling. Cable transfers, \$4 88 @  $88\frac{1}{2}\%$ . The week's imports of Dry Goods and general merchandise were to the specie value of \$7,478,101 as against \$6,331,849 the corresponding week of 1878. The week's import entries of Foreign Merchandise at New York included \$1,785,885 of Dry Goods, and \$5,687,716 of General Merchandise. The week's exports of Domestic Produce and Miscellaneous Goods from this port were to the aggregate value of \$6,956,903 against \$5,945,499 same week 1878, making the total exports of produce since Jan. 1 this year \$108,411,191, against \$118,502,955 same period in 1878, and \$86,866,005 in 1877.

In the lines of Produce and Merchandise business has been more generally active, though at variable prices; Breadstuffs, Provisions, and Cotton showing the widest fluctuations, as influenced in part, by speculative manipulation. The later dealings in Grain and Provisions were at lower figures. Dry Goods have been of ready sale at firm prices. Cotton has been again fairly active in the option line; leaving off at irregular quotations on Wednesday. Low Middlings closed for prompt delivery at 11 7-16 @ 11 9-16; Middlings at  $11\frac{1}{4}\%$  @  $11\frac{1}{2}\%$ . Options left off for May basis of Middling at 11.80; June at 11.96; July at 12.12 @ 12.13; August at 12.26; September at 11.93; October at 11.85 @ 11.86; November at 10.96 @ 10.97; December at 10.91 @ 10.92.

At the Auction sale of Scranton Coal, on Wednesday, prices were again lower, on sales of 100,000 tons at  $2.02\frac{1}{2}\%$  @  $2.40\%$  as against  $2.05\%$  @  $2.50\%$  in April and  $2.17\%$  @  $2.65\%$  in March.

Naval Stores have been quite sparingly purchased at easier prices. Petroleum has further receded in value here and at the primary markets on a moderately active movement.

Foreign merchandise has been selling to a fair aggregate, at however, rather easier prices.

Less animation has been reported in the line of Metals which, however, have been quoted, as a rule, firm. Pig Iron quoted for Glengarnock, at \$20 50 @ \$21 50; Coltness, \$21 50 @ \$22 50; Eglington at \$19 50 @ \$21 50; No. 1 American Pig at \$17 @ \$20 as to brands; No. 2 do. at \$16 @ \$18 50. Forge, \$15 50 @ \$16. New Iron Rails \$35 @ \$38 50. Wrought Scrap, \$24. Steel Rails wanted and quoted on the basis of \$43 @ \$46 at the mills and at tide water (7000 to 8000 tons sold). Old Iron Rails quoted at \$20 75 @ \$21. Ingot Copper inactive with Ingot quoted at 16cts. Tin quiet at unchanged quotations. Domestic Pig Lead dull and quoted at  $27\frac{1}{2}\%$  @ 3cts.

A generally more satisfactory movement has been reported in the line of Ocean freights at rather firmer rates closing, however, in the berth freight line, weaker for Grain room. The main

business of the week has been in the Grain and Petroleum interests; especially Grain. Liverpool steamer rates at the close for Grain quoted at 5  $\frac{1}{2}$  @ 6d. per bushel. Flour, at 2s. @ 2s. 3d. Provisions, 22s. 6d. @ 25s.; Butter and Cheese 27s. 6d. @ 30s.; Leather, 35s. Measurement Goods 17s. 6d. @ 22s. 6d. per ton; Cotton, 3-16d. @  $\frac{1}{4}$ d. per lb. Tobacco at 30s. Liverpool, by sail: Cotton, 13-64 @ 7-32d. Grain at 5  $\frac{1}{2}$  @ 5  $\frac{1}{4}$ d. per bushel; Flour, 1s. 9d.; Measurement Goods, 12s. 6d. @ 15s. Tobacco 25s.; Oil Cake at 15s. Provisions for the Continent by sail, 22s. 6d. @ 25s. and by steam at 25s. @ 35s. Grain rates on charter hence for Cork and orders left off at 4s. 9d. @ 5s. 1  $\frac{1}{4}$ d.; for the Continent Grain at 4s. 3d. @ 6s. 3d. as to ports of discharge. Tonnage for Refined Petroleum at 3s. 9d. @ 4s. 3d. to Cork, for orders; and at 2s. 9d. @ 3s. 3d. to the Continent, and 3s. 9d. @ 4s. 1  $\frac{1}{4}$ d. to the Baltic. Through freight movements have been to a fair aggregate but at unsettled rates.

The following quotations of sales of Railway and other securities are in addition to those given elsewhere in our columns:—

New York.—Keokuk and Des Moines R. R., 18; do. 1st, 92; Louisville and Nashville R. R.,  $56\frac{1}{2}\%$ ; do. 2d,  $108\frac{3}{8}\%$ ; New Jersey Southern R. R.,  $2\frac{1}{2}\%$ ; St. Louis, Kansas City and Northern Omaha div., 1st,  $102\frac{1}{2}\%$ ; do. Real Estate 7s,  $102\frac{1}{4}\%$ ; St. Louis and Iron Mt. 1st pref. inc., 59; Kansas Pacific 7s, Denver div., with coup. certifi.,  $111\frac{1}{2}\%$ ; do. Inc. No. 16,  $70\frac{1}{4}\%$ ; Central of New Jersey Adjmt bonds,  $104\frac{1}{2}\%$ ; do. 1st consol. ass.,  $87\frac{3}{8}\%$ ; do. conv. ass.,  $88\frac{1}{2}\%$ ; do. Income, 60; Missouri, Kansas and Texas R. R.,  $14\frac{1}{2}\%$ ; do. consol. S. F. ass., 63; do. 2d, 28; Winona and St. Peter 1st,  $106\frac{1}{4}\%$ ; do. 2d, 104; Denver and Rio Grande 1st,  $92\frac{1}{2}\%$ ; Boston and New York Air Line pref.,  $41\frac{1}{2}\%$ ; do. 1st, 109; Toledo and Wabash Equip.,  $50\frac{1}{2}\%$ ; Chesapeake and Ohio 1st Series B, 35; East Tenn., Va. and Ga. 1st, 100; South Pacific 1st, 98; Cleve., Col., Cin. and Ind. consol., 101; Marietta and Cincinnati 1st,  $86\frac{1}{4}\%$ ; International 1st, pur. com. rec., 85; do. 2d, 25; St. Louis and San Francisco 2d, class A, 77; Mil. and St. Paul I. & D. ext.,  $102\frac{1}{2}\%$ ; Kansas Pacific 1st, J. & D., with coup. certifi.,  $118\frac{1}{2}\%$ ; Lehigh and Wilkesbarre con. ass., 63; Hannibal and Central Mo. 1st,  $106\frac{1}{2}\%$ ; Hudson River 2d, S. F., 111; Quincy and Toledo 1st ex coupon, 94; Albany and Susq. consol., 99; Erie and Pittsburg consol., 97; Rome, Watertown and Ogdensburg 1st,  $30\frac{1}{2}\%$ ; Chicago, St. Paul and Minn. 1st, 100; do. L. G. inc., 59; Cleveland and Toledo S. F.,  $110\frac{1}{2}\%$ ; Chicago and Northwestern 1st bonds,  $106\frac{1}{4}\%$ ; Col., Chicago and Ind. Trust Co. certifi., 62; Rensselaer and Saratoga R. R.,  $101\frac{1}{4}\%$ ; Houston and Gt. Northern 1st with coupon certifi., 83; Delaware and Hudson 1st Penn. div.,  $101\frac{1}{4}\%$ ; Cincinnati and Springfield 1st, guar. by Cleve., Col., Cin. and Ind.  $91\frac{1}{4}\%$ ; do. by Lake Shore, 101; Warren R. R., 80; Am. Dist. Tel., 58; Sutor Tunnel,  $43\frac{1}{2}\%$ ; Homestake Mining,  $32\frac{1}{2}\%$ ; Standard Mining,  $29\frac{1}{2}\%$ ; Ontario Silver, 40; Mariposa L. & M. Cal., 7; Georgia 6s,  $101\frac{1}{4}\%$ ; Alabama Class A,  $47\frac{1}{2}\%$ ; Virginia 6s, consol. 2d series,  $41\frac{1}{4}\%$ ; Missouri 6s, 1888,  $105\frac{1}{4}\%$ ; Louisiana 7s, consol.,  $50\frac{1}{2}\%$ ; Tennessee 6s, old, 34; do. new, 80; Quebec 5s, 1903,  $108\frac{1}{2}\%$ ; Jersey City 7s, W. L.,  $102\frac{1}{4}\%$ . The latest quotations are: Adams Exp., 108 @ 109; American Exp., 49 @ 49  $\frac{1}{2}$ ; Atlantic and Pacific Telegraph,  $32\frac{1}{2}\%$  @ 33; Central Railroad of



New Jersey, 48½@43½; Chicago, Burlington and Quincy, 113@114; Chicago and Alton, 76½@77½; do. pref., 106@—; Chicago and Northwestern, 58½@58½; do. pref., 89½@89½; Chicago, Milwaukee and St. Paul 41@41½; do. pref., 81½@81½; Chicago, Rock Island and Pacific, 130½@131; Cleveland, Columbus, Cincinnati and Indianapolis, 44@44½; Cleveland and Pittsburg, 97@97½; Delaware and Hudson Canal, 45½@46; Delaware, Lackawanna and Western, 51½@51½; Erie, 26½@26½; do. pref., 48@48; Hannibal and St. Joseph, 18@—; do. pref., 40¼@40¼; Illinois Central, 85½@86; Kansas Pacific 58½@59½; Lake Shore and Michigan Southern, 72@72½; Michigan Central, 79@79½; Morris and Essex, 86½@87; N. Y. Central and Hudson River, 117½@117½; New York and Harlem, 158@160; Ohio and Miss., 14¼@14½; do. pref., 86½@87½; Pacific Mail, 13½@13½; Panama, 136@140; Pittsburg, Ft. Wayne and Chicago, 107½@109; Quicksilver, 14¼@15½; do. pref., 87@88; St. Louis, Kansas City and Northern, 15¼@15½; do. pref., 42½@42½; Union Pacific, 72½@72½; U. S. Express, 48½@49; Wells Fargo Express, 100@100½; Western Union Telegraph, 103@103½; Wabash, 33@33½.

**Philadelphia.**—Am. S. S. Co. 6s, 92½; Steubenville and Indiana 6s, A. & O., 103; Allegheny Valley scrip, 30; Northern Central 5s, 60; Lehigh Nav. consol. 7s, 75; Philadelphia and Reading Coal and Iron mort. 7s, 60½; Western Pennsylvania R. R. 6s, 100; Susq. Coal, 6s, 92; Connecting 6s, 108½; Philadelphia and Reading R. R. scrip, 60; do. Income 7s, 60; Hestonville R. R. 6s, 99; Chesapeake and Delaware Canal 6s, 76; Pennsylvania Canal 6s, 70; Empire Car Trust, 100½; Philadelphia, Germantown and Norristown R. R., 102; Morris Canal 54; do. dividend scrip, 101½; Peoples' Passenger R. R., 14½; do. 7s, 100; Susq. Canal, 4¼; Central Transp. Co., 44½; St. Paul and Duluth R. R. pref., 28; Spruce and Pine St. R. R., 48½; Neauehoning Valley R. R., 50; Cincinnati 7.30s, J. & J., 115; Pittsburg Avenue 7s, M. & S., 102½. The latest quotations are: City 6s, 107@107½; do. free of tax, 119@119½; Pennsylvania State 6s, 2d series, 102@102½; do. 3d series, 108½@108½; do. 5s, new loan, 112½@113; Philadelphia and Reading 15½@15½; do. Gen'l mort. 7s, coup., 107½@107½; do. reg. 107½@107½; do. mort., 6s, 1880, 103½@104; do. 7s, now conv., 62@63; do. 7s, 1893, 115@117; United New Jersey R. R. and Canal Co., 140@141; Pittsburg, Titusville and Buffalo R. R., 4½@5; do. 7s, 25@27½; Camden and Amboy mort. 6s, 1889, 112@113; Pennsylvania R. R., 87½@87½; do. 1st mort., 104½@105; do. gen'l mort., coupon, 112@112½; do. reg., 113@113½; do. consol. mort. 6s, reg., 105@105½; Little Schuylkill R. R., 44@44½; Morris Canal, 53@54½; do. pref., 180@181½; Susq. Canal, 4¼@5½; do. 6s, 35@50 Schuylkill Nav. 3½@4; do. pref., 7½@7½; do. 6s, 1882, 61@75; do. 1872, 92@95; Elmira and Williamsport pref., 41@44; do. 7s, 108½@110; do. 5s, 77@80; Lehigh Coal and Navigation, 16¼@17; do. 6s, 1884, 105½@105½; do. R. R. loan, 105@105½; do. Gold Loan, 97@98; North Pennsylvania, 40@40½; do. 6s, 109½@110; do. 7s, 120@121; do. Gen'l mort. 7s, reg., 114¼@114½; Philadelphia and Erie, 8½@9; do. 6s, 104¼@104½; do. 7s, 107½@

108; Minehill, 50@51; Catawissa, 10@10½; do. pref., 89½@40½; do. new pref., 85½@87; do. 7s, 1900, 108@109½; Lehigh Valley 85½@86; do. 6s, coupon, 113@115½; do. reg., 115@116; do. 7s, reg., 118@118½; do. consol., mort., 103½@104; Fifth and Sixth streets (horse), 104@105; Second and Third, 80@85; Thirteenth and Fifteenth, 53½@54; Spruce and Pine, 48½@48½; Green and Coates, 66½@67½; Chestnut and Walnut, 64@64½; Hestonville, 13½@13½; Germantown, 52@55; Union, 80@82; Lombard and South, 8@11; West Philadelphia, 63@64½.

**Baltimore.**—Marietta and Cincinnati 1st mort. Sterling, 86; North Western Virginia 3d mort., 105; Canton 6s, gold, 100; Union R. R., Canton end., 107½; Washington Branch Baltimore and Ohio R. R. 140; Virginia Peolers, 41¼; do. Black Scrip, 16½; Maryland Defense 6s, 109; Baltimore City 6s, 1890, 114½; do. 1886, 110; do. 1900, 115; do. 5s, 1894, 106½. The latest quotations are: Cincinnati and Baltimore, 7s, —@102½; Richmond and Danville 1st mort., 89@93; Pittsburg and Connellsville 7s, 1898, 106½@107; Baltimore and Ohio, 87@90; do. scrip 87@89; do. 6s, 1880, 102@103; do. 1885, 106@107; Northern Central, 14½@15½; do. 6s, 1885, 107@107½; do. 6s, 1900, 104¼@—; do. 6s, 1900, gold, 101@103; Marietta and Cincinnati 1st mort. 1892, 86½@88½; do. 2d mort. 7s, 35@85½; do. 3d mort. 8s, 14¼@14¼; Central Ohio, 26½@30; do. pref., 42½@43; do. 1st mort., 105@105½; Western Maryland 1st mort. undorsed, 103½@104; do. 2d mort. pref., 91@93; do. 2d mort., guar. by Washington Co., 107@—; Virginia and Tennessee 2d mort. 6s, 94@—; do. 3d mort 8s, 104¼@104½; Orange, Alex. and Manassas 7s, 56@58; Baltimore 6s, 1884, 108@—; do. 1886, 109¼@—; do. 1886, new, 108@—; do. 1890, 114½@114½; do. 1900, 114@114½; do. 1900, new, 114@115; do. 1902, 115@117; do. 1902, new, 114@115; do. 6s, exempt, —@116; do. 5s, 1894, 107@107½; do. 5s, new, 107½@—; Maryland Defense 6s, 1883, 109¼@109½; do. 6s, exempt, 112@—; do. 6s, 1890, 109¼@—; do. 5s, 100@—; Virginia consol. 6s, 56½@56½; do. 2d series, 41½@41½; Virginia Consol. coupons, 81½@81½; West Virginia def. certif., 7½@7½; Baltimore City Passenger R. R., 33@—; George's Creek Coal, 60@—; Atlantic Coal, —@0.90; Canton Co., 80@85; do. gold 6s, 99½@102; Union R. R., Canton end., 107½@—.

**Boston.**—Chicago, Dubuque and Minnesota R. R., 42; Rutland R. R. pref., 16; Portsmouth, Gt. Falls and Conway R. R., 9; Indianapolis, Cincinnati and Lafayette R. R., 1; Kansas City, Lawrence and Southern R. R., 72½; Cheshire R. R., 28½; Republican Valley R. R., 125½; do. 6s, 101½; Wichita and Southwestern 7s, 106; Boston, Revere Beach and Lynn R. R., 95; Agricultural Branch 6s, 1884, 99½; Illinois Grand Trunk 8s, 1890, 111¼; Worcester and Nashua 6s, 1887, 77; Fitchburg and Worcester 7s, 1889, 95; Kansas City, St. Joseph and Council Bluffs 7s, 84; Boston and Maine 7s, 117; Leavenworth, Lawrence and Galveston 1st 10s, 42½; Cincinnati Sandusky and Cleveland 2d mort. 7s, 60; Stanstead, Shefford and Chambly 7s, 26¼; Cedar Rapids and Missouri River R. R. pref., 107½; do. 7s, 1894, 109½; Little Rock and Ft. Smith 7s, 1905, 48; Iowa Falls and Sioux City 7s, 1917,

106; Detroit, Lansing and Northern 7s, 1907, 109½; Old Colony 6s, 1897, 107½; Eastern R. R., scrip, 70½; Boston Water Power Co., 2½; Boston Land, 4½; Brookline Land, 2½; Boston 6s, 1886, gold, 106; Toledo 8s, 1894, 114½; St. Louis City 6s, 1886, 105½; Cleveland 7s, 1888, 109½; Duncan Silver Mining Co. 4½; Humboldt, 30c.; Franklin, 8½; International, 60c.; Osceola, 14¼; Ridge, 1½; Silver Islet, 57.

#### Rapid Transit in Brooklyn.

Messrs. Stillman, Barlow and Hewlett, the Rapid Transit Commission appointed by the Supreme Court to inquire as to whether rapid transit would be beneficial or otherwise in the city of Brooklyn, filed their report in the office of the Kings County Clerk on the 28th ult. They have given their consent to rapid transit, to be used in the following streets: Fulton, from Fulton ferry to the boundary line of Brooklyn and New Lots; Water, Adams, Myrtle avenue, Broadway, Washington street, Hudson avenue, Flatbush, Fourth, Prospect, Atlantic, Hamilton, Ninth, Nostrand, Lexington, Franklin, Wythe, Division, Second street, North Fifteenth, Gem, Meserole avenue, Franklin street, Commercial, Manhattan avenue, Sands street, Main. The commission say in their report that that portion of said railway beginning at the intersection of Myrtle avenue, Washington street and Fulton, and thence running through and over and along Myrtle avenue to its intersection with Adams street, ought not to be constructed and operated until the bridge shall have been completed. The report embraces all the routes asked for by the Kings county company. The Commissioners also state that the railway proposed to be constructed from the intersection of Lexington and Lewis avenues, thence along Lewis and Myrtle avenues, and also that portion to be run from the intersection of Fulton street and Classon avenue and thence along Classon and Atlantic avenues ought not to be constructed, and that the road in Broadway ought not to be constructed, so that the rails shall cross the rails of the road on Second street at the same grade.

#### ARTHUR & KETCHUM.

The numerous friends of this firm will note by their card in another column that they have removed to larger and more convenient quarters in the Drexel Building.

Those who are interested in maintaining the high standing of our mercantile community and in honoring the leading financial and mercantile establishments of this city which add so much to its wealth and repute, will take the opportunity now offered by this change of base, to congratulate the old and tried firm of Arthur & Ketchum upon this renewed lease of their business vitality.

The meetings of the Grand Trunk and Great Western Railway companies of Canada were held in London on Tuesday simultaneously. Sir Henry Tyler, President of the Grand Trunk Railway, advocated amalgamation. He pointed out the advantage that would result if only for the purpose of resisting the hostile action and injurious influences of its late ally. Hon. Mr. Childers, of the Great Western line, opposed the idea. Sir Henry Tyler will sail for Canada on Saturday where he will remain for two months. Hon. Mr. Childers will also leave for Canada shortly.







**Columbus, Chicago and Indiana Central Railroad.**

The case of the Pittsburg, Cincinnati and St. Louis Railroad Company against the Columbus, Chicago and Indiana Central Railroad Company, which has been pending in the United States Circuit Court for the District of Indiana since last July, was decided by Justice Harlan, of that circuit, on the 28th ult. The case involved the validity and construction of the lease made by the Pan Handle Road of the Columbus, Chicago and Indiana Central Railroad from Columbus to Chicago. The lessee company and its guarantor, the Pennsylvania Railroad Company, contended that the lease was void under the laws of Indiana and Ohio, and also that the lessor company had not kept its covenant to arrange, provide for, adjust, and classify its bonded indebtedness in the mode and to the extent set out in the lease. They claimed also that the lessee had been evicted by the decree in the Pullan case, ordering a sale of 27 miles of the leased lines, and by the foreclosure proceedings of Roosevelt and Fosdick, Trustees in the first consolidated mortgage. Mr. Justice Harlan held:

First—That the lease was not in contravention of the statutes of Indiana or Ohio.

Second—That neither the Pullan decree nor the proceedings in the suit of Roosevelt and Fosdick constituted an eviction entitling the lessee company to rescission at this time of the contract of lease.

Third—That the covenant of the lessor company to arrange, provide for, adjust, and classify their bonded indebtedness to the extent agreed upon was not a condition precedent to the performance of the lessee's covenant to pay the stipulated rent, but it was a matter of substance, not of mere form. It was a material part of the consideration of the covenant to pay rent, and the lessee was entitled to have the lessors' covenant performed within a reasonable time, and that complainant was entitled to a decree which should compel performance. The court gives the lesor company until the 1st of January next to make the adjustment and classification of its bonded indebtedness as stipulated in the amended lease, and in default thereof the complainant has leave on that day to move for a decree rescinding the contract of lease, and for a settlement of accounts upon such terms as may be equitable. What were the rights of mortgage bondholders against the lessee corporation, and against the Pennsylvania Railroad Company, independent of the question of rescission, the court said, was not involved in the case, and no expression of opinion about it is made.

With regard to the time when the accrued rental, amounting now to more than \$3,000,000, should be paid by the lessee, there was no decisive expression of opinion, but at the request of counsel on both sides Justice Harlan announced that he would hear further argument upon this point at Chicago, on the 2d of June next. The Hon. Stanley Matthews, ex-Gov. Hendricks, and John Scott represented the Pan Handle and Pennsylvania Companies, and Judge Hoadley, Senator McDonald, and C. F. Southard, the Columbus, Chicago and Indiana Central Railroad Company.

It is announced that in sixty days one thousand hands will be at work on the Charleston and Potomac railroad, (which crosses the Shenandoah Valley in Rockingham Co., Va.) and that the rails for the first one hundred and twenty miles have been bought.

Ten miles of the Franklin and Pittsylvania (Va.) railroad have already been graded. The grading will probably be completed by the first

of July, and the whole road finished by the first of next October.

**An Engineer's Need of Nerve.**

From the Indianapolis Journal

Unquestionably the bravest men in America are those who stand upon the foot boards of the locomotives which draw the fast express trains. But few persons are aware of it, but on the leading railways, where connections must be made if possible, only engineers known to be brave and daring are given engines on express trains, and as soon as an engineer shows the least timidity about running fast he is taken from his engine and given one on a freight train to run. Two such cases have occurred recently on Indianapolis roads. Railroad officers state that the first sign that an engineer is becoming timid is that he will be five to ten minutes late, possibly a half hour, for some days or nights in succession. He is then called to an account, and unless his reasons are convincing another engineer is given his engine to run for a few times, and should he bring the train in promptly on time, the first named engineer gets a freight train engine to run until he braces up. It is stated, however, that after an engineer allows his timidity to get a fair hold he seldom so far overcomes it as to have the bravery to step on to an express train engine and run it at the speed necessary to make the time. Quite recently, an engineer on one of the roads running west from here got an impression that some accident was to happen to him; and one night, when running a fast express, he constantly lost time. At the first station where the train stopped the conductor berated him for running so slow. The engineer actually shed tears, and owned that fears had overcome him, and that he dare not run fast, and at his own request an engineer of a freight train which stood at this meeting point was given the train to run through that night, the conductor telegraphing the train master, asking that the request be granted. The timid engineer has since run a freight on the road.

The directors of the St. Louis, Iron Mountain and Southern Railroad Company, elected on the 17th inst., are: Thos. Allen, Rufus J. Lackland and Ethan J. Hitchcock, of St. Louis; H. G. Marquand, S. G. Ward, N. M. Beckwith, Charles A. Marshall, Lucius Tuckerman, Robert B. Min turn, Jos. Lowery, H. A. Pellen and Geo. S. Morrison, of New York, and Henry Wheeler, of Philadelphia. The bondholders have strong representation in this board.

Under a recent law of the State of Missouri, the lands, buildings and shops of railroad companies are to be assessed by the counties in which they are situated, while a State board of equalization is to assess the road bed at so much a mile, the county courts then to certify to its correctness, and the county through which it passes to collect the tax.

The Delaware Shore Railroad (running near the Shore of the Delaware river, from Woodbury, some twenty five miles, to a point nearly opposite New Castle, Delaware) is noticed for public sale at the Court House, Woodbury, in the latter part of the coming month of June.

The deed for the Lafayette, Muncie and Bloomington Railroad was delivered to purchasing bondholders on the 28th ult. A temporary organization, to be called the Muncie and State Line Railroad Company, will be made, after which

a consolidation will be effected with the Illinois company, under the name of the Lafayette, Bloomington and Muncie Railroad Company.

**United States Rolling Stock Co.**

Judge Tibbols, of the Court of Common Pleas, of Summit county, Ohio, has made the following order in the case of the Trustees vs. the Atlantic and Great Western Railway Company and others, whereby the entire litigation between the receiver and the United States Rolling Stock Company is taken from the courts. The contract of settlement is as follows and is said to be satisfactory to all parties:

The receiver shall pay the Rolling Stock Company, on or before the 15th of May, 1879, \$100,000 on account of claims. The receiver further agrees to pay, from and after January 18, 1880, not less than \$7,500 per month on certificates which have been issued to the Rolling Stock Company. The Rolling Stock Company, on its part, agrees to receive the stipulated payment in full settlement of the claims. The receiver is authorized to borrow \$100,000 at eight per cent. The whole amount claimed by the Rolling Stock Company was \$300,000.

The Governing Committee of the New York Stock Exchange have added to the free list the receipts of the purchasing committee issued in accordance with the provisions of the reorganization agreement for the 1st and 2d mortgage convertible bonds of the International Railroad Company, and also for the 1st and 2d mortgage convertible bonds of the Houston and Great Northern Railroad Company. The receipts are engraved to bearer, and are signed by the Farmers' Loan and Trust Company for the committee.

The map of a new railroad to be called the New York, Coney Island and Rockaway Railroad was filed in the Queen's county clerk's office at Jamaica, L. I., on the 26th ult. Isiah W. Baker has been chosen President of the new company. The road will be an extension of the Long Island Southern Railroad, which is now advertised to be sold under foreclosure in June. The object is to afford a shorter route to Brighton Beach, Coney Island.

The Centennial Board of Finance has commenced the payment of the last dividend of six per cent declared upon the stock of the Centennial Exhibition. This, with the former dividend of 17½ per cent, makes a total of 23½ per cent. It is calculated that 16,000 persons in various parts of the country hold Centennial stock, and a great many have not applied for their dividends.

The first engine crossed the railroad bridge over the Missouri River at Glasgow, Mo., on the 26th ult., with T. B. Blackstone, President, and J. C. McMillen, General Manager of the Chicago and Alton Railroad, and a party accompanying them, inspecting the new extension to Kansas City.

The United States Consul at Guadeloupe informs the Department of State that a railroad is projected from Point-a-Pitre to Monte. The Government has offered a liberal subsidy.

Arrangements are being perfected at Richmond for refunding the Virginia State debt in bonds bearing a much lower rate of interest than those now outstanding.



**The Coal Trade.**

The total tonnage of anthracite coal from all the regions for the week ending April 19th, as reported by the several carrying companies, amounted to 470,984 tons, against 170,983 tons in corresponding week last year, an increase of 300,001 tons. The total amount of anthracite mined for the year is 6,009,516 tons, against 5,404,592 for the same period last year, an increase of 2,605,924 tons. The quantity of bituminous coal sent to market for the week amounted to 43,215 tons, against 55,869 tons in corresponding week last year, a decrease of 12,654 tons. The total amount of bituminous mined for the year is 837,405 tons, against 789,328 tons for corresponding period last year, an increase of 98,077 tons. The total tonnage of all kinds of coal for the week is 514,202 tons, against 226,762 tons in corresponding week last year, an increase of 287,440 tons, and the total tonnage for the coal year is 6,846,921 tons, against 4,142,980 tons to same date last year, an increase of 2,903,991 tons. The quantity of coal and coke carried over the Pennsylvania Railroad for the third week of April was 102,353 tons, of which 86,406 tons were coal, and 13,947 tons coke. The total tonnage for the year thus far has been 1,551,824 tons, of which 1,281,233 tons were coal and 370,591 tons coke. These figures embrace all the coal and coke carried over the road east and west. The shipments of bituminous coal from the mines of the Cumberland coal region for the week ending April 19th were 36,952 tons, and for the year to that date 342,321 tons, an increase of 68,969 tons as compared with the corresponding period of 1878. The shipments to the Baltimore and Ohio Railroad for the week were 17,295 tons, for the year 248,895 tons, an increase of 6,391 tons, as compared with 1878. The shipments to the Pennsylvania Railroad were, for the week, 3,557 tons, for the year 47,271 tons, an increase of 22,385 tons as compared with last year. The shipments by the Chesapeake and Ohio Canal for the week were 16,100 tons, and for the season 46,154 tons, an increase of 39,385 tons as compared with last year. The Reading Railroad Company reports a coal shipment for the week ending on Saturday evening last of 166,500 tons, of which 61,900 tons were sent to Port Richmond, and 56,500 tons were shipped thence. The receipts at Perth Amboy for the week ending April 19 were 27,839 tons, and the shipments 25,555 tons, leaving a stock on hand of 151,647 tons.—*Phila. Ledger, Apr. 28.*

**Mining.**

**LEADVILLE MINING CO. COL.**—The value of this property has been greatly enhanced by a decision recently rendered by the U. S. Circuit Court at Denver, the particulars of which are given in another column. The second monthly dividend of one per cent has been declared for May, but larger divisions of profit may soon be expected.

**SILVER KING OF ARIZONA.**—We notice that the shares of this remarkably productive mine are now quoted below ten dollars. This is a curious fact when it is known that additional machinery is now being erected which will largely increase the mine's monthly yield and that every expense therefore is being paid out of the mine's net earnings. A common sense view of the matter is that the intrinsic value of the shares is largely increased by this action of the management and that instead of falling two or three points they should have advanced five or six.

It is certain that those who purchase Silver King shares at the present price will have no cause to repent it.

**GREEN MOUNTAIN GOLD MINE, CAL.**—This property will soon be placed on the New York market where its high intrinsic worth will insure it a favorable reception. It has now a Philadelphia

Directory, but will reorganize under some well known residents of this city who know the value of the property and will invest largely in it.

**NEW MEXICO.**—A new mining area is being opened up in this territory within 20 miles of Santa Fe. The ledges and veins appear to be innumerable, and claims are being taken up in every direction. No developments below 90 feet have yet been made, but the average value of the ore so far appears to be from sixty to ninety dollars in silver and five or six in gold. These discoveries will give a great impetus to railroad business, as the expense of transport at present is an insuperable bar to any large augmentation of population in development.

**TOMBSTONE DISTRICT MINES, ARIZONA.**—A new road has been opened between this district and Tucson, via San Pedro, known as the Mason Cut-off, which shortens the present route by twenty miles. In a short time the Southern Pacific Railroad will pass within fifteen miles of its northern limit, and thus add immeasurably to the value of the various properties.

With the single exception of Richmond Basin which may equal but does not surpass it, the Tombstone District is the richest yet discovered in Arizona or in the United States. Although mining there is but in its infancy, the quantity of rich ore that has been exposed is enormous; and when transport and milling facilities are obtained the yield of silver will surprise the world. Every inch of vein in the district is taken up and held at a price which may be considered high now, but which is nevertheless far below its actual value.

The first silver brick produced from Tombstone ore was obtained in the latter part of last February from 1000 pounds of ore milled at Tucson. Its weight was 85 ounces of silver, carrying a small percentage of gold; the gross average per ton being about \$200 in value. This came from the Christmas Present mine owned by Mr. Smith.

Among the remarkable mines now being opened is that of the Shaefflin Brothers, two energetic men who were among the first pioneers locating in the district. The State Geologist reports that there is now above \$2,000,000 of ore uncovered in this property.

The Contention is another grand property whose estimated present worth is over \$1,000,000. It is being vigorously worked, but until the district or the mine possesses a mill its value cannot be transmuted into the shape of bullion.

Adjoining the Contention, and on the same vein of which it is an extension, is the Gilded Edge claim. This is an awkward name, but is a handsome property, as good as the Contention; but as it is not yet developed to any extent its owners will have to wait three or four months before they can get the \$250,000 at which they hold it. A year hence four times that sum will not be able to purchase it.

The other mines at the South End of the District which have a high reputation are the Town Site, Tough Nut, ( $\frac{1}{4}$  of which sold for \$80,000) Tough Cuss and Carrie.

As this district is destined to be famous in the mining annals of Arizona we append a list of the leading mines in addition to those referred to above: Grand Central, Metallic Accident, Uncle Sam, Butler, Utah, Empire, Signal, Belle, Merri-

mac, McCannon, Oweo, Three Brothers, Wedge, Grand Dipper, Green Cloud; also the Tranquility, Sulphuret, Blue Monday and Triangle, which we learn are bonded by Governor Safford and Messrs. Corbin.

Among the prominent men in and connected with the District are Mr. Edward Field, M. E., who was the first man in the district and has several valuable properties. Major Thomas Morgan, Major A. J. Mitchell, Major Finck, Frank Corbin of New Britain, and his brother E. A. Corbin of Philadelphia, I. S. Vosburg, Richard Gird, C. E., Harvey Hansome, the Shaefflin Brothers and many others.

There are already 1000 inhabitants in the District. An idea of the expense of carriage may be inferred from the fact that the freight on a 10 stamp mill sent by the Shaefflins to their mine from San Francisco was \$14,000. Nothing less than \$500 ore can stand such expense, but they can pay it and have a large margin left.

**HOMESTEAK MINE, DAKOTA.**—The machinery for the 100 stamp mill is nearly all received and is expected to be working in 30 days' time. When completed it is claimed that it will be the largest in the United States. The present 80 stamp mill is running day and night. A new set of drills and compressor are now being put up.

**PENOBSCOT MINE, MONTANA.**—\$14,000 of gold bullion was produced last week. A large amount of new machinery is on the road to the mine; 150 men are employed.

The FINDLEY MINE is now paying a dividend of one per cent. A recent report from the well known mining expert Mr. R. M. Wilson, describes the Findley property as one of the richest in Georgia.

**American Steamship Co.**

At the annual meeting of the American Steamship Co., held in Philadelphia on the 7th inst., the following board of directors was elected: Henry D. Welsh, President; Josiah Bacon, B. H. Bartol, John Price Wetherill, D. B. Cummins, N. Parker Shortridge, Strickland Kneass, William D. Winsor, G. B. Roberts, George N. Allen, Henry C. Butcher. Secretary and Treasurer, Robert W. Smith.

From the report of the directors which was presented it appears that during the fiscal year ending December 31, 1878, the four steamships accomplished 34 round voyages, with the following results: receipts from freight, \$585,184 63; passengers, \$289,819 20; miscellaneous sources, \$1,239 41—total, \$876,423 24. Less disbursements for operating expenses, \$684,305 97, leaving a balance of \$191,937 27. From this are to be deducted the disbursements for shore expenses, as follows: agencies at Philadelphia, Liverpool, New York, Chicago and all the sub-agencies in America and Europe, including compensation of agents, salaries, rent, &c., \$64,853 94; advertising, \$14,530 23; wharf expenses at Philadelphia and Liverpool, including rent of docks and insurance on merchandise awaiting shipment on delivery, \$9,989 27—total, \$89,373 44; leaving \$102,563 83; less extraordinary operating expenses, \$11,764 88. Earnings of the four steamers in 1878, \$90,798 95. Expenses of general office, \$6,461 94; interest on mortgage bonds of the Company, \$89,290—total, \$95,741 94. Deficit of the company in



1878, \$4,942 99. This deficit has been met out of the cash balance of \$12,445 89 remaining January 1, 1878.

The receipts of the company in 1878 show a decrease from those of the previous year of \$61,428 71, while a similar comparison of expenses shows a decrease of \$181,482 84.

January 1, 1878, the value of stores on hand at Philadelphia and Liverpool, consisting of propeller blades, life boats, rafts, &c., including repair shop plant, was \$24,917 80; of which during 1878, there was sold, used or charged off to the running expenses of the steamers, \$4,757 22; additional purchases during the past year, \$5,489 74; value of material on hand, January 1, 1879, \$25,610 82.

January 1, 1878, there was a balance of cash on hand of \$26,597 01; less balance due agents, \$14,161 62—\$12,445 89. Less balance on purchase of stores in 1858, as above, \$692 52; deficit in 1878, \$5,635 51; total, \$6,809 88. Borrowed of Pennsylvania Railroad Company, \$55,000, leaving cash in hand of Treasurer and agents, January 1, 1879, \$61,809 88. The report concludes as follows:

The foregoing shows that the company was able from its own resources to meet all its obligations during the year, but there being an unsettled claim against it of \$60,000 for damages by collision in December, 1877, of the steamship Pennsylvania with the ship Oasis, and that the company might be prepared at any time to meet it, the \$55,000 was borrowed from the Pennsylvania Railroad Company towards the payment of the interest on the bonds of the company of which they are the guarantors. This claim is still unadjudicated, but the final award in it has been made, and the efforts to reduce the original amount claimed have been so far successful that the total cost to the company will not exceed \$45,000.

Instead of running northwest from Selkirk, as indicated in Mr. Dennis' map of 1st March, 1878, crossing the narrows of Lake Manitoba, and skirting further north and west, the Southern end of Lake Winnipegosis, Dr. Tupper has announced that the main line of the Canada Pacific Railway is to run south of Lake Manitoba. It is also asserted, but not officially, that this summer will see a railway bridge built over the Red River at Selkirk.

Hon. D. J. Morrell, President of the American Iron and Steel Association, has issued a call requesting all manufacturers of iron and steel and all iron ore producers in the United States to meet in Convention at Pittsburgh on Tuesday, the 6th day of May next, at 10 o'clock a. m., in the hall of the Western Nail Association, to consider the present condition of our iron and steel industries, their wants, and the dangers which threaten them.

The Utah Southern Railroad is being extended southward with such energy that it is now asserted that by autumn it will be at Frisco, 155 miles beyond its present terminus at York, Utah, and within 140 miles of the large and exceptionally rich copper veins of Mohave county, in Arizona, as also of the extraordinary coking coals of that Territory.

Six thousand Chinamen are now employed in the construction of the Southern Pacific Railroad of California, which is being pushed forward

at the rate of three miles a day. The track is laid to Maricopa.

William C. Martin has been appointed by the United States District Court Receiver of the Pittsburg and Castle Shannon Railroad Company. His bond, which is for \$50,000, has been filed and approved. The sureties are: H. Sellers McKee, John Adams and Fred. Maul.

It is stated that the Central of New Jersey and the Pennsylvania Railroad Companies have entered into an amicable arrangement to build the projected road from Squar to Point Pleasant, Manchester, etc., and that the road will be in running order by July.

John Scott has been elected President, E. H. Utley Secretary, and Thomas Robinson Treasurer of the Allegheny Valley Railroad Company.

The Leadville Mining Company have declared their second regular monthly dividend of 1 per cent (10 cents per share), payable on and after May 7.

The name of the Ohio and Toledo Railroad has been changed to Youngstown and Coudon Valley Railroad.

J. H. Wade has been elected President, S. T. Everett Treasurer, and W. B. Porter Secretary of the Valley (Ohio) R. R. Co.

OFFICE OF THE LEADVILLE MINING COMPANY,  
No. 57 Broadway,  
New York, April 24, 1879.

#### DIVIDEND NO. 2.

THE BOARD OF TRUSTEES HAVE THIS DAY declared a dividend of 1 PER CENT on the capital stock of this company (\$2,000,000) out of net earnings, payable at the office of the company on and after May 7, 1879. Transfer books will close on May 2, and re-open May 9.

J. S. LOCKWOOD, Secretary.

#### INTERSTATE AND INTERNATIONAL MECHANICAL EXCHANGE,

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Securities (in fractional or large quantities) bought and sold on commission; also carried as long as desired on 5 per cent. margin. U. S. Bonds purchased and sold at current market rates free of commission. Advances made on approved collateral at market rates.

Deposits received subject to check at sight. Interest allowed on all daily balances.

Our office is next door to the N. Y. Stock Exchange, which admits of the execution of orders the instant they are received. The senior partner attends each session of the board, and gives this branch of business the advantage of his long experience and most watchful care. Our office is provided with four telegraph indicators for the use of customers, which record all transactions and quotations at the Exchange as soon as made, an important guide for buyers or sellers of Stocks, Bonds and Governments. Orders executed at the London and San Francisco Exchanges.

#### HAMILTON & BISHOP, Bankers and Brokers,

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Buy and sell on Commission, for cash or on margin, all securities dealt in at the New York Stock Exchange.

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Stocks and Bonds bought and sold on Commission only, either on Margin or for Investment.

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ALEX. FROTHINGHAM & CO., BANKERS AND Stock Brokers, No. 12 Wall st., buy and sell stocks on the New York Stock Exchange and carry the same as long as desired on a deposit of three per cent. Careful attention given to orders for investment from \$25 upwards in "Puts" and "Calls," which frequently pay from ten to twenty times the amount invested. Explanatory Circular and their Weekly Financial Report sent free on application.

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The investigation of frauds on Railway Companies a specialty.



## Railroads of Wisconsin.

The annual progress of railroad construction in the State of Wisconsin from 1850 to 1879, is as follows:

	Built, Miles.	Total, Miles.
1850.....	20.	20.
1851.....	14.	34.
1852.....	36.	70.
1853.....	19.	89.
1854.....	70.	159.
1855.....	162.64	321.64
1856.....	179.80	500.94
1857.....	198.	698.94
1858.....	61.	759.94
1859.....	88.	847.94
1860.....	19.	866.94
1861.....	20.	886.94
1862.....	55.90	942.84
1863.....	.....	942.84
1864.....	69.80	1,012.64
1865.....	.....	1,012.64
1866.....	.....	1,012.64
1867.....	.....	1,012.64
1868.....	59.	1,071.64
1869.....	60.80	1,132.44
1870.....	175.20	1,307.64
1871.....	417.77	1,725.41
1872.....	287.10	2,012.51
1873.....	406.18	2,418.64
1874.....	90.18	2,508.82
1875.....	55.87	2,564.69
1876.....	127.50	2,692.19
1877.....	50.60	2,742.79
1878.....	91.76	2,834.55

The gross earnings of the Philadelphia and Erie Railroad for the month of March, 1879, were \$212,775 89, the expenses \$156,059 46, and the net earnings \$56,716 43. The net earnings for the three months of 1879 were \$225,409 83; for the three months of 1878, \$180,911 36—increase in the three months of 1879, \$44,498 47.

Patent brakes are being put on all the local trains on the New York, Lake Erie and Western Railroad and in two or three months all the passenger trains will be thus equipped. One effect will be to shorten the running time of the way trains. The express trains have had the improved brakes for several years.

The terminus of the Utah and Northern Railroad will soon be at Market Lake, Oneida county, Idaho. It is to be completed to Red Rock valley, Montana, before the close of the present year.

The officers of the Northwestern Ohio Railroad Company, recently elected, are: Thomas D. Messler, President; W. H. Barnes, Treasurer; Frank Jones, Secretary, Toledo, Ohio; S. B. Liggett, Assistant Secretary, Pittsburgh.

At the recent meeting of the directors of the Pemberton and Hightstown Railroad the following officers were elected: President, N. S. Rice; Vice President, J. W. Allen; Secretary, A. D. Rue; Treasurer, C. B. Meirs.

The statement of the receiver of the Ohio and Mississippi Railroad shows a balance on hand March 1, 1879, of \$172,548 10; receipts for March, \$406,528 35; disbursements, \$558,508 31; cash on hand April 1, \$20,568 14.

The gross earnings of the Boston and New York Air Line Railroad for March, 1879, were \$20,901 93, the operating expenses \$7,596 44, and the net earnings \$13,305 49.

## Redemption of Bonds.

The Secretary of the Treasury issued on the 23d ult. the one hundredth call for the redemption of bonds. The call is for \$260,000, of bonds of the loan of 1868. The principal and interest will be paid at the Treasury on and after the 23d day of July next and the interest will cease on that day. The following is a description of the bonds:

Registered bonds—\$5,000, No. 1 to No. 3,337, both inclusive; total, \$260,000.

The bonds outstanding and represented by the above mentioned numbers constitute the residue of those issued under the act of June 14, 1868.

Articles of incorporation were filed in the County Clerk's office on the 30th ult. by the "Union Telegraph Company." It was organized with a capital of \$10,000,000, in 100,000 shares of \$100 each. The corporators are Jay Gould, 50,000 shares; David H. Bates, 25,000 shares, and Charles A. Tinker, Baltimore, Md., 25,000. The routes begin in New York and run through all the States and most of the Territories and to Canada. The company commences operations May 1, and is to continue one hundred years.

Two thirds of Tennessee's bondholders having accepted the compromise of 50 cents on the dollar and 4 per cent interest, the Governor will issue a proclamation calling an election by the people to ratify the proposition.

The sale of the Pittsburgh Southern Railroad to James H. Hopkins, has been confirmed by the Washington County Court, and directors will be elected by the 5th prox.

On the 1st day of May all the employees of the Pennsylvania Railroad will appear in new uniforms.

The Superintendent of Public Works has announced that the New York canals will be open for navigation on May 8 next.

## REMOVAL.

ARTHUR & KETCHUM  
HAVE REMOVED TO  
DREXEL BUILDING.

No. 29.

New York, New England and Western

INVESTMENT CO.  
(INCORPORATED.)

Capital Stock, - - - \$200,000

NEW YORK, BOSTON, PHILADELPHIA & CHICAGO.

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Special attention given to Financial Negotiations for Railroad Companies. Will act as Stock Transfer Agent and Trustee for Bondholders, pay coupons, etc., etc.

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JOHN C. SHORT, President.

WM. P. WATSON, Secretary and Treasurer.

## THEO. SUTRO.

Attorney and Counsellor at Law,  
(Rooms 42 and 43.)

320 Broadway, NEW YORK.

Mining Patents, Cases and Contests.

## REFERENCES:

Hon. J. A. Williamson, Commissioner General Land Office, Washington, D. C.

Hon. Samuel Shellabarger, Counsellor, etc., Washington, D. C.

Lazard Freres, Bankers, 65 Pine Street, New York.

Sutro Tunnel Company, San Francisco, California.

## TO MINE OWNERS.

The New York Stock Exchange has at last opened its doors to the mining interest of our country, and now allows its members to deal in mining shares. Parties who have first class mining properties, and wish to organize companies, under the laws of the State of New York, which are liberal, and find a market, would do well to communicate with

WILLIAM EUCLID YOUNG,

(Member N. Y. Stock Exchange, also N. Y. Mining Stock Exchange.)

Office 60 Broadway, N. Y.

## A. G. DAY,

MANUFACTURER OF

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THE DI-ELECTRICAL PROPERTIES OF KERITE have been thoroughly tested, and its superiority over all other kinds of insulation fully demonstrated.

## ITS DURABILITY

has been demonstrated beyond question in practical use of hundreds of miles of Kerite-covered wires by the Fire Alarm and Telegraph Companies. In New York it has been largely used for the last ten years, under all conditions and exposures; the resistance now is as great as when first exposed.

## FACTS FULLY ESTABLISHED.

Kerite is not affected by extremes of heat and cold, or by exposure to the heat or sun; endures long continued heat below 200° Fahrenheit, may be safely immersed in boiling water, is unchanged by being placed in the ground; corrosive elements in the earth do not act upon it; acids act very slowly, only to oxidise the surface; bears exposure to not strong solution of alkalis; does not suffer by injury by destructive insects of land or water, and can be stored in tropical climes without change of insulation.

PROF. MOSES G. FARMER, says: "I have used your Kerite as leading wire, more or less for four or five years. It stands abuse, changes of temperature, alternate wetting and drying better than any insulator I have tried."

EMINENT ELECTRICIANS AND PRACTICAL TELEGRAPHISTS commend and recognize the Kerite insulation as superior to all others.

GEORGE B. PRESCOTT, Esq., Electrician of the Western Union Telegraph Company, under date of September 25, 1874, says: "In September, 1869, we placed some of your Kerite wire, unprotected by any covering whatever, in the tunnel under the river in Chicago, and have since continued its use in that exposed situation with the most gratifying results. A portion of the tunnel is very wet, and water saturated with lime constantly drips upon the wires, while in other portions they are kept alternately wet and dry, which is well known to be one of the severest tests that any insulating material of an organic nature can be subjected to; and yet after five years' exposure under the above conditions, the Kerite covering shows no signs of decay or deterioration. An insulating covering of India-rubber or gutta-percha under a like exposure, would have been destroyed in much less time."

February 1, 1877, he writes further: "This piece of Kerite wire unprotected by any covering, was in use in the tunnel under the river in Chicago, from September, 1869, until December, 1876, and shows no signs of decay or deterioration in its insulating qualities."

For Sale by all dealers in Telegraphic Materials.

For further particulars address

A. G. DAY, 120 Broadway, N. York.